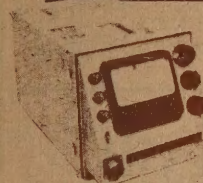


STUFFER #4-82, an offering of clearance items from past catalogs and some "never listed" items. Quantities are limited; prices good thru 8-1-82. F.O.B. Lima, Ohio.

Fair Radio Sales Co.

P. O. Box 1105 -- 1016 E. Eureka St.
Lima, Ohio 45802 419/227-6573

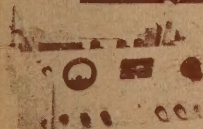
RADIATION INDICATOR



CP-95/PD RADIAC COMPUTER-INDICATOR, DESIGNED TO SHOW THE AMOUNT OF X- AND GAMMA RADIATION TO WHICH A DT-60/PD (NOT AVAILABLE OR SIMILAR SILVER-ACTIVATED PHOSPHOR GLASS RADIATION DETECTOR TUBE HAS BEEN EXPOSED. AN EXPOSED DETECTOR GLOWS ORANGE IN

THE CP-95'S 4 W ULTRAVIOLET LIGHT. THE INTENSITY OF THE LUMINESCENCE IS MEASURED BY A 931VA PHOTOMULTIPLIER TUBE. THE OUTPUT OF THIS TUBE IS THEN TRANSLATED INTO ROENTGENS AND IS SHOWN UPON A 0-200-600 ROENTGENS METER (SIZE: 4x4x4; FS-100 UA.) SET INCLUDES FRONT COVER AND TUBES 5726, 5814, 931VA, CK1039 (OR 6143), AND OA2. POWER REQUIRED: 115 VAC 60 Hz. SIZE: 9x9x17; SHPG. WT: 30 LBS. PRICE: UNUSED, \$19. MANUAL, \$5.00

ANTENNA COUPLER



CU-656 ANTENNA COUPLER, HANDLES UP TO EIGHT RECEIVERS IN THE 2-32 MHZ RANGE. GAIN: 0 TO 3 DB. NOISE FIGURE: 6 DB OR BETTER. HAS 0-50 MICROAMMETER TEST INDICATOR AND CIRCUIT SELECTOR SWITCH ON FRONT. 70 OHM INPUT; TYPE C CONNECTIONS. WITH TUBES 20/6922 AND 0B2. POWER REQUIRED: 115/230 VAC 50-60 Hz. SIZE: 7x19x16; SH WT: 40 LBS. USED, REPARABLE, \$50.00

GENERAL RADIO VTVM



GENERAL RADIO 726A VACUUM TUBE VOLTMETER, the old CR-style in 1/2" thick walnut cabinet dating to late-1930's. Measures peak RMS voltages with full scale ranges 0-1.5-5-15-50-150 VAC. Input impedance: 5 megohms at audio frequencies; decreases at higher frequencies with 380 Mhz resonance when probe is used. Has tubes 1V and 6Q7 and schematic. requires 115 VAC 60 Hz. Size: 9x7x13; 21 lbs. sh. Used, reparable-less probe \$18 w/probe, \$28

DIGITAL DC VOLTMETER



DIGITEK 251 DC DIGITAL VOLTMETER, uses RTL logic and four Nixie tube display (2/B5441 and 2/B5440). Has 10V, 100V, and 1000V push-button scales. However, original user tagged these meters, "Do not exceed 400 VDC." Units have calibrate and zero select and adjust, over-range neon indicator, and BCD data output board. Sampling rate adjustable 10/sec to one/2 sec; max. interrogation 10 samples/sec. Requires 115 VAC 60 Hz. 4x8x11; 15 lbs sh. Used, reparable \$25. Manual \$5.

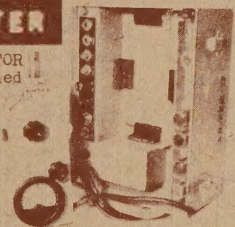
R-392/URR RECEIVER



R-392/URR RADIO RECEIVER 500 KHZ TO 32 MHZ IN 32 BANDS OF 1 MHZ EA. EXCEPT 500 KHZ TO 1MHZ IS 1/2 MHZ. TYPE SIGNAL IS CW, MCW, VOICE AND FREQ. SHIFT KEYING. TRIPLE CONVERSION ON LOWER EIGHT BANDS, DOUBLE ON ALL OTHERS. CONTINUOUS TUNING READ DIRECTLY ON

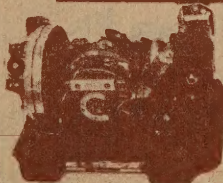
COUNTER TYPE INDICATOR; BUILT-IN CRYSTAL CALIBRATOR, 100 KHZ POINTS. WITH 25 TUBES OF 26A7, 26A6, 12AU7, 26C6, & 26D6. POWER REQUIRED FOR OPERATION: 24/28 VDC @ 3 AMPS. HIGH PERFORMANCE, RUGGED DESIGN. PORTABLE. SIZE: 11x14x11 WT: 52 LBS. SHPG. WT: 70. Shipped UPS in 2 packages. Used, checked, \$295. \$265. Manual, partial repro \$15.

GRID DIP METER



AN/PRM-10 TEST OSCILLATOR a grid dip meter designed to determine resonant frequencies of tuned circuits or the frequency of RF signals. Uses seven plug-in coils covering 2 to 400 Mhz in ranges 2-5, 5-10, 10-22, 22-45, 45-100, 100-250, and 250-400 Mhz. Amplitude modulation about 30% produced by 1 V across 150K ohms from external oscillator. Functions as a miniature receiver or transmitter when tuning head and coil are placed near circuit in question. Results indicated on tuning head meter or can be heard with earphones. PRM-10 includes set of coils, tuning head, power supply, transit case, and schematic. Requires 115 VAC 50-1000 Hz. 8x11x5; 3 lbs sh. Used, reparable, \$95. Checked, \$125

GYROSCOPE ASSEMBLY

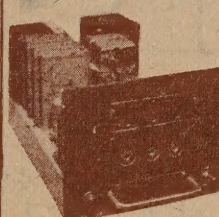
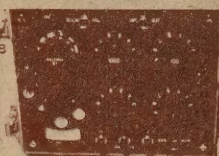


HONEYWELL VERTICAL GYRO ASSEMBLY #JG-7044N-2, single pitch and roll gyro with 400 Hz motors, mercury switches, etc. Gimbal freedom: ±360° (outer axis, longitudinal), ±85° (inner axis, transversal). Erection rate (2-6)° min. Also 400 Hz 1/2 motors 26 V (torque), 115 V (caging solenoid), and 115 V 21,000 RPM (power motor) Pick-up pots: 5.5K±ohm ±55° (roll), 11K ohm ±85° (pitch). Angular momentum: 6.33x10⁶ gm cm²/sec. Unit has "line of flight" monitors for normal loft or alternate O/S. 7x9x6; 8 lbs net, 12 lbs sh. Used, \$35.00 \$25.

ME-29 DC AMMETER, USED IN TESTING GRC EQUIPMENT. RANGES: 1, 5, 10, 50, 100, AND 500 MILLIAMPS DC. WITH 3 1/2" ROUND METER, REVERSE POLARITY SWITCH, PATCH CORD, AND COVER. SIZE: 7x3x5; WT: 7 LBS. PRICE: USED, CHECKED, \$15.95

RESISTANCE BRIDGE

ZM-4 RESISTANCE BRIDGE, portable Wheatstone bridge used to measure DC resistance of communication and power lines to determine shorts, crosses, and grounds. Resistance measurement range 1 ohm to 1,011 M-ohms -0.15%; Resistance box range: 0 to 10,110 ohms, 16-500 MA. Galvanometer indicates degree of balance in test circuit. Requires three "D" cell batteries. Also 22.5 to 200 VDC for more accurate readings above 1000 ohms. Operating instructions included. 5x7x8; 12 lbs sh. Used, reparable, \$45.00



AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR

AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS.. GAIN: 34.8 DBM MAX. AUDIO OUTPUT 3 WATT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES POWER REQUIRED 115 VOLT 50/60 CYCLE. SIZE: 7x12x14; (NO COVER WITH UNIT) WT: 23 LBS. PRICES: USED SERVICEABLE \$8.95 TWO FOR \$15.00

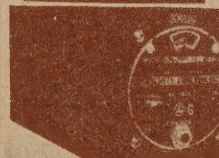
CARRIER MONITOR



CARRIER MONITOR: WHEN COUPLED TO AN ANTENNA TRANSMISSION LINE IT PROVIDES DIRECT CURRENT TO A REMOTE POSITION WHICH CAN BE USED AS AN INDICATION OF PROPER TRANSMISSION. THE OUTPUT AMPLITUDE IS PROPORTIONAL TO THE CURRENT FLOW IN THE TRANSMISSION LINE.

INPUT IMPEDANCE 600 OHM, OUTPUT IMP. 600 OHM. OUTPUT LEVEL - 3DBM FOR 100% MOD. INTO 600 OHM LINE. WITH TUBES 6X4, 6J6, 6AL5, V103. VOLTAGE REQ. 115/230V 60 CYC. OUTPUT JACKS AND CONTROLS ON FRONT PANEL. ALSO 2 VACUUM CAPACITORS 3MMFD 15 KV AND LEAD FOR CONNECTING TO 500 TO 50K WATT TRANSMITTER IN THE 2 TO MC. RANGE. UNIT ALSO HAS COVER. SIZE: 6x6x8; 15 LBS. #1028017 UNUSE \$7.95

RECEIVER 200 - 400 KC



BC-1206 RECEIVER AM 200 TO 400 KC USED FOR AIRCRAFT BEACON CALLS VOLTAGE REQUIRED 24 VDC TUBES REQUIRED 2/14H7, 1/14J7, 1/14R7 & 1/28C7. F. FREQ. 135 KC, THREE (3) GANG VARIABLE 400-800 MMFD LOCAL SOCKET

THESE RECEIVERS ARE SOLD LESS TUBES AND "AS-IS" BECAUSE WE HAVE FOUND SOMETIMES THE I.F. COILS MAYBE OPEN AND THE COST OF MAKING THE REPAIR IS PROHIBITIVE. HENCE THE LOW LOW PRICE. PLEASE DO NOT ASK US TO CHECK THE COILS. SIZE: 4x4x6; WT: 6 LBS. USED AS-IS \$5.00



IM-120/UPM STANDING WAVE RATIO METER DESIGNED TO BE PLACED OVER 1/2" WAVE GUIDE TO DETERMINE THE STANDING WAVE RATIO OF THE WAVEGUIDE TO THE ANTENNA SYSTEM. USED WITH DIRECTIONAL COUPLER CU-245/U BUT CAN BE ADAPTED TO OTHER SYSTEMS. UNIT HAS 6/IN25 CRYSTAL DIODES AND 3 1/2" METER FOR INDICATION. ALSO INSTRUCTION MANUAL. THE CARRYING CASE IS ALUMINUM SEALED WATERPROOF. CASE SIZE 9x7x5; WT: 10 LBS. NEW P/O 6275-6575 Mhz radar. \$18.



AUTOMATIC ELECTRIC RELAY ASSEMBLY: 12 A/E TYPE RT-379-1 AMP OPERATING 1D CONTACT ARRANG.

#D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING SIZE: 13x4x16; 12 LBS. PRICE: W/COVER

Unused, \$12.95

OSCILLOSCOPE

TDMS-6ER-R-2B OSCILLOSCOPE
USED WITH TELETYPE SYSTEM
AS A RECEIVE UNIT, HAS A
3RP1 CATHODE RAY TUBE WITH
CONTROLS FOR FOCUS, INTEN-
SITY, AMPLITUDE, MODULATION RATE (RANGE AND
VERNER), AND UNIT CODE. ALSO SIGNAL, DIS-
PLAY, AND TWO-BALANCE CONTROLS. WITH
SPIRAL-CIRCULAR TIME BASE SWITCH AND INPUT
SWITCH. INDICATOR LIGHTS FOR SPEED AND POW-
ER. NEEDS EXTERNAL POWER SUPPLY. VOLTAGES
NOT KNOWN. WITH TUBES 3RP1, 9/12A7, 15L5
3/12AX7, 2/12A7. Size: 5x10x15. WT: 15 lbs

TDMS 14-200B TELESCAN, si-
milar to above; for TTY &
low speed data testing.
Used, not checked, \$36.27

TDMS 14-104A AC POWER SUP-
PLY f/14-200B, 6EB-R2B \$15

MODEL 300 BALLANTINE VACUUM TUBE
VOLTMETER. GENERAL PURPOSE TEST
USED TO MEASURE AC VOLTAGES ALSO.
AS CAN BE USED AS A AMPLIFIER AND
MICROMETER WHEN PROPERLY CONNECTED
FREQ. RANGE 10-1500 CYC.
RANGES 0.001-0.1/1.0-10/100
DECIBEL SCALE 0-20, OUTPUT IMP. 0-
15000 OHMS. INPUT IMP. 0-5 MEGOHMS
SHUNTED BY 30 MWF. STABILITY 1%
APPROX. DEPENDING ON LINE VOLTAGE.
ACC. APPROX. 2% OVER RANGE.
POWER REQ. 115 V. 50-60 CYC. Repairable
Size: 4x8x11. WT: 13 lbs.
PRICES: USED CHECKED \$39.95, \$12.00

ELECTRO-GUARD SENSOR

ELECTRO-GUARD ALARM, "senses"
tampering with protected ob-
ject. Utilizes the load-
ing of a tuned oscil-
lator (about 30 Khz) to
detect touch. The item
to be protected (which
must be metal) func-
tions as an antenna and
the circuit is tuned. Once
the item is touched, the cir-
cuit is detuned, tripping a relay. The relay
could activate sirens or horns, lights, or
cameras. Unit also has continuity circuit for
perimeter or fusible link fire alarm. With
turning meter, switches for test-alarm and
moment-lock-delay. Four relays, two tubes, and
one transistor. Requires 115 VAC 60 Hz. 94x
"AS-IS" needs repair \$18.

COMPACT AXIAL FANS

AXIAL FANS, 4 1/2" square
x 1 1/2" thick; 115 VAC
60 Hz. Removed from
equipment; guaranteed.
Rotron MUFFINOR sim-
ilar; 3-blade 14W 1/4x.

SPECIAL! Muffin fan \$9.95
10/\$88. 50/\$410. 100/\$775

RT-159/URC-4 RADIO RECEIVER-TRANS-
MITTER USED FOR GROUND TO AIR-
CRAFT RESCUE WORK. VHF FREQ. 120-
130 MC. UHF FREQ. 240-260 MC.
CRYSTAL CONTROL TRANSMITTER. SUPER
REGENERATIVE RECEIVER. DIPOLE COL-
LAPSIBLE ANTENNA AND COMB. MIC &
EARPHONE ARE PART OF THE SET. WITH
8 TUBES 4/6050, 2/6147, 2E3, & 304
BATTERY VOLTAGES REQUIRED 1.4 AND
90 VDC. UNITS USED SEPARATELY.
Size: 3x17x2 1/2. WT: 3 lbs. Price: USED \$14.95

URC-4 "AS-IS" less tubes,
broken coils/terminal \$6.

RT-285/URC-11 RECEIVER-TRANSMITTER
SIMILAR TO URC-4 RESCUE UNIT FOR
USE BETWEEN AIRCRAFT AND GROUND.
UNIT IS SET FOR 243 MC. TELESCOP-
ING ANT. REC.-TRANS-TONE SW. BUTTOI
VOLTAGES REQ. 1.4 & 90 VDC. SAME
AS URC-4 ALSO URC-4 TEST SET CAN
BE USED. TS-684 SHOWN ON PAGE 16
Size: 3x11x4 1/4. WT: 1 1/2 lbs.
PRICE: USED..... \$18.95

URC-11 "AS-IS" less tubes
xtal, cut cable, \$7.50

CX-1093A/U POWER CABLE FOR URC-4 \$1.50

URC-4 TEST SET, TS-684/URM-30 USED
FOR ALIGNMENT AND TESTING RT-159 REC
TRANS. CONTAINS 0-1 MA. METER, CRY-
STAL OSC., METERING SW. ANTENNA,
CABLE ETC. IN CASE SIZE 6x6x4.
WITH INSTRUCTIONS IN THE COVER
PRICE: \$9.95

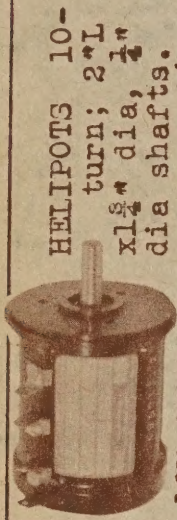
TS-433B ELECTRONIC SWITCH,
provides two independent time
bases for an oscilloscope--
allowing for the simultaneous
display and comparison of two
signals. Unit also functions
as square wave generator and
as a DC chopper amplifier.
Expands the capabilities of
AC-coupled scopes. Switching rate: 10-2000
times/sec continuously variable. Freq. re-
sponse: 0-5000 Hz. Square wave generator
range: 10-500 Hz with amplitude variable to
30 V p-p. Input impedance: 100K ohms. Out-
put imp.: 50K ohms. Max. signal output:
75 V. p-p. Requires 115/230 VAC 50-60 Hz.
10x8x12 1/2. 30 lbs sh. Used, repairable, \$20.

RECEIVER

BC-229 RECEIVER A.M. T.R.F.
201 TO 398 KC AND 2500 TO
7700 KC BY USE OF PLUG IN
COILS SUPPLIED WITH THE REC
4/39S. POWER REQUIRED FOR
F/39S. APPROX 200 TO 250 VOLTS D.C. 80 MA.
VOLTAGE APPROX 200 TO 250 VOLTS D.C. 80 MA.
Size: 16x8x7. WT: 15 lbs.

Less tubes & coils, \$6.
w/tubes, \$14.95; Plug or
knob, \$2. Manual, \$7.50

MEASUREMENTS 920 25-1000
Mhz DEVIATION METER, \$225



HELIPOTS 10-
turn; 2" L
x 1 1/2" dia, 1"
dia shafts.
10K OHMS, 4-terminal 5%;
5/8" L shaft. Unused \$3.95
30K OHMS, 3-terminal 3%;
5/8" L shaft. Used, \$3.50
50K OHMS, 3-terminal 3%;
3/16" L shaft. Used, \$3.25

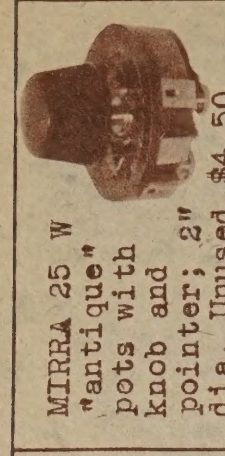
6082 TUBES, unused, \$6 ea.
6080 used-checked \$3 each.
WE-215A TUBES, used-good
filaments, \$2.50 each.
6BA7 unused \$2.50 each.
#22 or #85, unused \$5 ea.

TUBE SALE

6 for \$5.00/20 for \$15.00: 0A2 OC3 5U4GA 6Y6G
5Y3GT 6AL5 6AQ5 6AU6 6BG6 6CB6 6AS7G
6SJ7GT 6SL7GT 12AT7 12AU7 12BH7 12SH7 12AX7
12SL7GT 12SX7GT 12C8 12H6 25L6 5R4GY 64L4

REPLACEMENT DYNAMIC SPEAKERS
for your old radios;
cones 3 ohms DC resist-
ance. 3 lbs; unused.
Dia Coil Price # Dia Coil Price
746B60 4" 70Ω \$2.75 F51B1 4 1/2" 400Ω \$2.95
5V04S 4 1/2" 4Ω 3.00 F53B1 4 1/2" 5Ω \$3.50
T8X1172 4-7/8" 80Ω w/ 4-pin connection, \$3.95
2005-4 5-5/8" 80Ω " \$4.95
1535 4 1/2" 400Ω, transformer 160Ω, cone 0.5Ω \$5.
F3B2145 3-1/8" 400Ω, cone 0.5 ohms; \$2.85

BC-1152 SCOPE
INDICATOR 3"
CATHODE RAY
TUBE 3HP1, 1/
6HG. CONTROLS
FOR CENTERING
HOR. VERT. AZIM. CABLES
FOCUS & SCALE ILLUM. CONN.
WITH 3 PL-259 COAX. PLUG.
H.V. PLUG. & CONTROL PLUG.
Size: 14x5x5; WT: 10 L \$7.
PRICE: USED



MIRRA 25 W
"antique"
pots with
knob and
pointer; 2"
dia. Unused \$4.50
Specify resistance:
6Ω, 250Ω, or 400Ω.

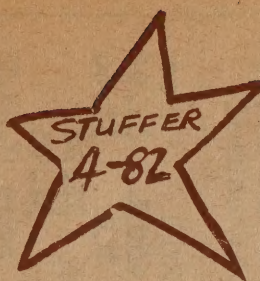
PARTS FOR CRYSTAL SETS
"CPONWELL" DETECTOR
STAND
Model 14
Use this new '3 way' adjust-
able stand for louder signals,
and clearer reception. Avail-
able at your dealer.
Without galena, \$1.50

INVENTORY REDUCTION
SALE when buying one
type of these used-
checked tubes:

REPLACEMENT DYNAMIC SPEAKERS
for your old radios;
cones 3 ohms DC resist-
ance. 3 lbs; unused.
Dia Coil Price # Dia Coil Price
746B60 4" 70Ω \$2.75 F51B1 4 1/2" 400Ω \$2.95
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1535 4 1/2" 400Ω, transformer 160Ω, cone 0.5Ω \$5.
F3B2145 3-1/8" 400Ω, cone 0.5 ohms; \$2.85

EXPLOSION PROOF
STEEL BOX FOR
INTERPHONE HAND-
SET; MOUNTED ON
REAR OF TANK.
HAS HANDSET HOL-
DER, CONTROL BOX,
INDICATOR LIGHT,
HEAVY SPRING
LATCH, AND CABLE CLAMP.
Size: 14x10x6 1/2; 35 LBS. SH.
#BC-1362, \$6.00

DAVEN ATTENUATOR
1/4" NETWORK
500/500 OHM
SET; 20 STEPS, 1
DB PER STEP
WITH DIAL
AND KNOB.
Size: 2 1/2" DIA.
2" DEEP. WT: 1 LB. #T-324F
RE-MOVED FROM EQUIP.
\$7.95 each



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Fair Radio Sales Co.

P. O. Box 1105 -- 1016 E. Eureka St.
Lima, Ohio 45802 419/227-6573

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ME-29 DC AMMETER, USED IN TESTING GRC EQUIPMENT. RANGES: 1, 5, 10, 50, 100, and 500 MILLIAMPS DC. WITH 3 1/2" ROUND METER, REVERSE POLARITY SWITCH, PATCH CORD, AND COVER. SIZE: 7x3x5; WT: 7 LBS. PRICE: USED, CHECKED, \$15.95

RESISTANCE BRIDGE

ZM-4 RESISTANCE BRIDGE, portable Wheatstone bridge used to measure DC resistance of communication and power lines to determine shorts, crosses, and grounds. Resistance measurement range 1 ohm to 1,011 M-ohms -0.15%; Resistance box range: 0 to 10,110 ohms, 16-500 MA. Galvanometer indicates degree of balance in test circuit. Requires three "D" cell batteries. Also 22.5 to 200 VDC for more accurate readings above 1000 ohms. Operating instructions included. 5x7x8 1/2; 12 lbs sh. Used, reparable, \$45.00

AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS.. GAIN: 34.8 DBM MAX. AUDIO OUTPUT 3 WATT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES POWER REQUIRED 115 VOLT 50/60 CYCLE. SIZE: 7x12x14; (NO COVER WITH UNIT) WT: 23 LBS. PRICES: USED SERVICEABLE \$8.95 TWO FOR \$15.00

CARRIER MONITOR

CARRIER MONITOR: WHEN COUPLED TO AN ANTENNA TRANSMISSION LINE IT PROVIDES DIRECT CURRENT TO A REMOTE POSITION WHICH CAN BE USED AS AN INDICATION OF PROPER TRANSMISSION. THE OUTPUT AMPLITUDE IS PROPORTIONAL TO THE CURRENT FLOW IN THE TRANSMISSION LINE. INPUT IMPEDANCE 600 OHM, OUTPUT IMP. 600 OHM. OUTPUT LEVEL - 30DBM FOR 100% MOD. INTO 600 OHM LINE. WITH TUBES 6X4, 6J6, 6AL5, 6V103. VOLTAGE REQ. 115/230V 60 CYC. OUTPUT JACKS AND CONTROLS ON FRONT PANEL. ALSO 2 VACUUM CAPACITORS 3MMFD 15 KV AND LEAD FOR CONNECTING TO 500 TO 50K WATT TRANSMITTER IN THE 2 TO MC. RANGE. UNIT ALSO HAS COVER. SIZE: 6x6x8 1/2; 15 LBS. #1028017 UNUSE \$7.95

RECEIVER 200 - 400 K

BC-1206 RECEIVER AM 200 TO 400 KC USED FOR AIRCRAFT BEACON CALLS VOLTAGE REQUIRED 24 VDC TUBES REQUIRED 2/14H7, 1/14J7, 1/14R7 & 1/28D7. 1F. FREQ. 135 KC, THREE (3) GANG VARIABLE 400-800 MMFO LOCAL SPECTRUM THESE RECEIVERS ARE SOLD LESS TUBES AND "AS-IS" BECAUSE WE HAVE FOUND SOMETIMES THE I.F. COILS MAYBE OPEN AND THE COST OF MAKING THE REPAIR IS PROHIBITIVE. HENCE THE LOW PRICE. PLEASE DO NOT ASK US TO CHECK THE COILS. SIZE: 4x4x6 1/2; WT: 6 LBS. USED AS-IS \$5.00

IM-120/UPM STANDING WAVE RATIO METER DESIGNED TO BE PLACED OVER 1 1/2" WAVE GUIDE TO DETERMINE THE STANDING WAVE RATIO OF THE WAVEGUIDE TO THE ANTENNA SYSTEM. USED WITH DIRECTIONAL COUPLER CU-245/U BUT CAN BE ADAPTED TO OTHER SYSTEMS. UNIT HAS 6/IN25 CRYSTAL DIODES AND 3 1/2" METER FOR INDICATION. ALSO INSTRUCTION MANUAL. THE CARRYING CASE IS ALUMINUM SEALED. WATERPROOF. CASE SIZE 9x7x5 1/2; WT: 10 LBS. NEW P/O 6275-6575 Mhz radar. \$18.

AUTOMATIC ELECTRIC RELAY ASSEMBLY: 12 A/E TYPE RT-375-11 RELAYS, 48VDC .1 AMP OPERATING ID CONTACT ARRANG. #D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING SIZE: 13x4x4 1/2; 12 LBS. PRICE: W/COVER Unused, \$12.95

OSCILLOSCOPE

TDS-6B-R-2B OSCILLOSCOPE USED WITH TELETYPE SYSTEM AS A RECEIVE UNIT, HAS A 3RPI CATHODE RAY TUBE WITH CONTROLS FOR FOCUS, INTENSITY, AMPLITUDE, MODULATION RATE (RANGE AND VERNIER), AND UNIT CODE. ALSO SIGNAL, DISPLAY, AND TWO BALANCE CONTROLS. WITH SPIRAL-CIRCULAR TIME BASE SWITCH AND INPUT SWITCH. INDICATOR LIGHTS FOR SPEED AND POWER. NEEDS EXTERNAL POWER SUPPLY. VOLTAGES NOT KNOWN. WITH TUBES 3RPI, 9/12A7. SIZE: 5 1/2x10x15 WT: 15 LBS

TDS 14-200B TELESCAN, similar to above; for TTY & low speed data testing. Used, not checked, \$35.27

TDS 14-104A AC POWER SUPPLY f/14-200B, 6EB-R2B \$15

MODEL 300 BALLANTINE VACUUM TUBE VOLTMETER. GENERAL PURPOSE TEST SET USED TO MEASURE AC VOLTAGES ALSO AS CAN BE USED AS A AMPLIFIER AND MICROMETER WHEN PROPERLY CONNECTED. RANGE 10-150M CYC. VOLTAGE RANGES 0.001-0.1/1.0/10 & 100 DECIBEL SCALE 0-20, OUTPUT IMP. 0-15000 OHMS, INPUT IMP. 0.5 MEGOHMS SHUNTED BY 30 MWF. STABILITY 1% APPROX. DEPENDING ON LINE VOLTAGE. ACC. APPROX. 2% OVER RANGE. POWER REQUIRED 115 V. 50/60 CYC. SIZE: 4 1/2x5x11; WT: 13 LBS. PRICES: USED CHECKED \$39.95, \$12.00

ELECTRO-GUARD SENSOR
ELECTRO-GUARD ALARM, "senses" tampering with protected object. Utilizes the loading of a tuned oscillator (about 30 KHz) to detect touch. The item to be protected (which must be metal) functions as an antenna and the circuit is tuned. Once the item is touched, the circuit is detuned, tripping a relay. The relay could activate sirens or horns, lights, or cameras. Unit also has continuity circuit for perimeter or fusible link fire alarm. With tuning meter, switches for test-alarm and moment-lock-delay, four relays, two tubes, and one transistor. Requires 115 VAC 60 Hz. 9x
"AS-IS" needs repair \$18.

COMPACT AXIAL FANS
AXIAL FANS, 4 1/2" square x 1 1/2" thick; 115 VAC 60 Hz. Removed from equipment; guaranteed. Rotron MUFFINER similar; 3-blade 14W 2 1/2".
SPECIAL!! Muffin fan \$9.95 10/\$88. 50/\$410. 100/\$775

RT-159/URC-4 RADIO RECEIVER-TRANSMITTER USED FOR GROUND TO AIR CRAFT. RESCUE WORK. VHF FREQ. 120-130 MC. UHF FREQ. 240-260 MC. CRYSTAL CONTROL TRANSMITTER, SUPER REGENERATIVE RECEIVER. DIPOLE COL- LAPSIBLE ANTENNA AND COMB. MIC & EARPHONE ARE PART OF THE SET. WITH 8 TUBES 4/6050, 2/6147, 2E32 & 3C4. BATTERY VOLTAGES REQUIRED 1.4 AND 90 VDC. UNITS USED SERVICEABLE. SIZE: 3 1/2x12x2; WT: 3 LBS. PRICE: USED \$14.95
URC-4 "AS-IS" less tubes, broken coils/terminal \$6.

RT-285/URC-11 RECEIVER-TRANSMITTER SIMILAR TO URC-4 RESCUE UNIT FOR USE BETWEEN AIRCRAFT AND GROUND. UNIT IS SET FOR 243 MC. TELESCOP- ING ANT. REC.-TRANS-TONE SW. BUTTO- N VOLTAGES REQ. 1.4 & 90 VDC. SAME AS URC-4 ALSO URC-4 TEST SET CAN BE USED. TS-684 SHOWN ON PAGE 16 SIZE: 3x12x4; WT: 1 1/2 LBS. PRICE: USED..... \$18.95

URC-11 "AS-IS" less tubes xtal, cut cable, \$7.50

CX-1093A/U POWER CABLE FOR URC-4 \$1.50

URC-4 TEST SET, TS-684/URC-30 USED FOR ALIGNMENT AND TESTING RT-159 REC TRANS. CONTAINS 0-1 MA. METER, CRY- STAL OSC., METERING SW. ANTENNA, CABLE ETC. IN CASE SIZE 6X6X4. WITH INSTRUCTIONS IN THE COVER PRICE: \$9.95
TS-433B ELECTRONIC SWITCH, provides two independent time bases for an oscilloscope-- allowing for the simultaneous display and comparison of two signals. Unit also functions as square wave generator and as a DC chopper amplifier. Expands the capabilities of AC-coupled scopes. Switching rate: 10-2000 times/sec continuously variable. Freq. re- sponse: 0-5000 Hz. Square wave generator range: 10-500 Hz with amplitude variable to 30 V p-p. Input impedance: 100K ohms. Out- put imped: 50K ohms. Max. signal output: 75 V p-p. Requires 115/230 VAC 50-60 Hz. 10x8 1/2x13. 50 lbs sn. Used, repairable, \$20.

RECEIVER
BC-229 RECEIVER A.M. T.R.F. 201 TO 398 KC AND 2500 TO 7700 KC BY USE OF PLUG IN COILS SUPPLIED WITH THE REC WITH SIX TUBES 1/37, 1/38 & 4/39. POWER REQUIRED FOR FILAMENTS 12 VOLTS, HIGH VOLTAGE APPROX 200 TO 250 VOLTS D.C. 80 MA. SIZE: 16x8x7; WT: 15 LBS.
Less tubes & coils, \$6. w/tubes, \$14.95; Plug or knob, \$2. Manual, \$7.50
MEASUREMENTS 920 25-1000 Mhz DEVIATION METER, \$225

HELIPOTS 10- turn; 2 1/2" dia, 1 1/2" x 1 1/2" dia shafts. 10K OHMS, 4-terminal 5%; 5/8" shaft. Unused \$3.95 30K OHMS, 3-terminal 3%; 5/8" shaft. Used, \$3.50 50K OHMS, 3-terminal 3%; 3/16" shaft. Used, \$3.25 6082 TUBES, unused, \$6 ea. 6080 used-checked \$3 each. WE-215A TUBES, used-good filaments, \$2.50 each. 6BA7 unused \$2.50 each. #22 or #85, unused \$5 ea.

INVENTORY REDUCTION SALE when buying one type of these used-checked tubes:
6 for \$5.00/20 for \$15.00: 0A2 OC3 5U4GA 6Y6G 5Y3GT 6AL5 6AU6 6BG6 6CB6 6AS7G 6SJ7GT 6SL7GT 12AT7 12AU7 12BH7 12SH7 12AX7 12SL7GT 12SX7GT 12C8 12H6 25L6 5R4GY 64L4

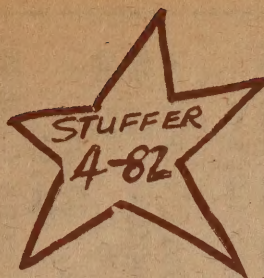
REPLACEMENT DYNAMIC SPEAKERS for your old radios; cones 3 ohms DC resist- ance. 3 lbs; unused.
Dia Coil Price
T46B60 4" 70Ω \$2.75 F51B1 4 1/4" 400Ω \$2.95
5V04S 4 1/4" 4Ω 3.00 F53B1 4 1/4" 5Ω \$3.50
T8XL172 4-7/8" 80Ω w/ 4-pin connection, \$3.95
2005-4 5-5/8" 80Ω " \$4.95
1535 4 1/4" 400Ω, cone 0.5 ohms; \$2.85
F3B2145 3-1/8" 400Ω, cone 0.5 ohms; \$2.85

DAVEN ATTENUATOR NETWORK 500/500 OHM 20 STEPS, 1 DB PER STEP WITH DIAL AND KNOB. SIZE: 2 1/2" DIA. 2" DEEP. WT: 1 LB. #1-324F RE-MOVED FROM EQUIP. \$7.95 each

EXPLOSION PROOF STEEL BOX FOR INTERPHONE HAND- SET; MOUNTED ON REAR OF TANK. HAS HANDSET HOLD- ER, CONTROL BOX, INDICATOR LIGHT, HEAVY SPRING LATCH, AND CABLE CLAMP. SIZE: 14x10x6 1/2. 35 LBS. #8C-1362, \$6.00

MIRRA 25 W "antique" pots with knob and pointer; 2" dia. Unused \$4.50 Specify resistance: 6Ω, 250Ω, or 400Ω.

PARTS FOR CRYSTAL SETS
"CROMWELL" DETECTOR STAND Model 14
Use this new '3 way' adjust- able stand for louder signals, and clearer reception. Avail- able at your dealer. Without galena, \$1.50



STUFFER #4-82, an offering of clearance items from past catalogs and some "never listed" items. Quantities are limited; prices good thru 8-1-82. F.O.B. Lima, Ohio.

Fair Radio Sales Co.

P. O. Box 1105 -- 1016 E. Eureka St.
Lima, Ohio 45802 419/227-6573

RADIATION INDICATOR

CP-95/PD RADIAC COMPUTER-INDICATOR, DESIGNED TO SHOW THE AMOUNT OF X- AND GAMMA RADIATION TO WHICH A DT-60/PD (NOT AVAILABLE OR SIMILAR SILVER-ACTIVATED PHOSPHOR GLASS RADIATION DETECTOR TUBE HAS BEEN EXPOSED. AN EXPOSED DETECTOR GLOWS ORANGE IN

THE CP-95'S 4 W ULTRAVIOLET LIGHT. THE INTENSITY OF THE LUMINESCENCE IS MEASURED BY A 931VA PHOTOMULTIPLIER TUBE. THE OUTPUT OF THIS TUBE IS THEN TRANSLATED INTO ROENTGENS AND IS SHOWN UPON A 0-200-600 ROENTGENS METER (SIZE: 4x4x4; FS-100 UA.) SET INCLUDES FRONT COVER AND TUBES 5726, 5814, 931VA, CK1039 (OR 6143), AND OA2. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 9x9x17; SHPG. WT: 30 LBS. PRICE: UNUSED, \$19. MANUAL, \$5.00

ANTENNA COUPLER

CU-656 ANTENNA COUPLER, HANDLES UP TO EIGHT RECEIVERS IN THE 2-32 MHZ RANGE. GAIN: 0 TO 3 DB. NOISE FIGURE: 6 DB OR BETTER. HAS 0-50 MICROMETER TEST INDICATOR AND CIRCUIT SELECTOR SWITCH ON FRONT. 70 OHM INPUT; TYPE C CONNECTIONS. WITH TUBES 20/6922 AND OB2. POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 7x19x16x2; SH WT: 40 LBS. USED, REPARABLE, \$50.00

GENERAL RADIO VTVM

GENERAL RADIO 726A VACUUM TUBE VOLTMETER, the old GR-style in 1/2" thick walnut cabinet dating to late-1930's. Measures peak RMS voltages with full scale ranges 0-1.5-5-15-50-150 VAC. Input impedance: 5 megohms at audio frequencies; decreases at higher frequencies with 360 Mhz resonance when probe is used. Has tubes 1V and 6Q7 and schematic. requires 115 VAC 60 HZ. Size: 9x7x13x3; 21 lbs. sh. Used, reparable-less probe \$18 w/probe, \$28

DIGITAL DC VOLTMETER

DIGITEK 251 DC DIGITAL VOLTMETER, uses RTL logic and four Nixie tube display (2/B5441 and 2/B5440). Has 10v, 100v, and 1000v push-button scales. However, original user tagged these meters, "Do not exceed 400 VDC." Units have calibrate and zero select and adjust, over-range neon indicator, and BCD data output board. Sampling rate adjustable 10/sec to one/2 sec; max. interrogation 10 samples/sec. Requires 115 VAC 60 HZ. 4x8x11x1 1/2 15 lbs sh. Used, reparable \$25. Manual \$5.

R-392/URR RECEIVER



R-392/URR RADIO RECEIVER 500 KHZ TO 32 MHZ IN 32 BANDS OF 1 MHZ EA. EXCEPT 500 KHZ TO 1 MHZ IS 1/2 MHZ. TYPE SIGNAL IS CW, MCW, VOICE AND FREQ. SHIFT KEYING. TRIPLE CONVERSION ON LOWER EIGHT BANDS, DOUBLE ON ALL OTHERS. CONTINUOUS TUNING READ DIRECTLY ON

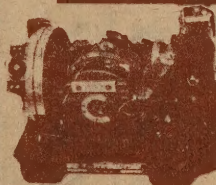
COUNTER TYPE INDICATOR; BUILT-IN CRYSTAL CALIBRATOR, 100 KHZ POINTS. WITH 25 TUBES OF 26A7, 26A6, 12AU7, 26C6, & 26D6. POWER REQUIRED FOR OPERATION: 24/28 VDC @ 3 AMPS. HIGH PERFORMANCE, RUGGED DESIGN. PORTABLE. SIZE: 11x14x11 WT: 52 LBS. SHPG. WT: 70.

Shipped UPS in 2 packages. Used, checked, \$295. \$265. Manual, partial repro \$15.

GRID DIP METER

AN/PRM-10 TEST OSCILLATOR: a grid dip meter designed to determine resonant frequencies of tuned circuits or the frequency of RF signals. Uses seven plug-in coils covering 2 to 400 Mhz in ranges 2-5, 5-10, 10-22, 22-45, 45-100, 100-250, and 250-400 Mhz. Amplitude modulation about 30% produced by 1 V across 150K ohms from external oscillator. Functions as a miniature receiver or transmitter when tuning head and coil are placed near circuit in question. Results indicated on tuning head meter or can be heard with earphones. PRM-10 includes set of coils, tuning head, power supply, transit case, and schematic. Requires 115 VAC 50-1000 HZ. 8x11x15x5 1/2 15 lbs sh. Used, reparable, \$95. Checked, \$125

GYROSCOPE ASSEMBLY

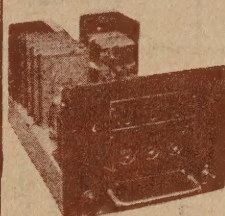
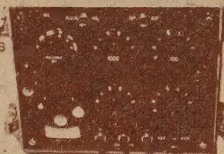


HONEYWELL VERTICAL GYRO ASSEMBLY #JG-7044N-2, single pitch and roll gyro with 400 HZ motors, mercury switches, etc. Gimbals freedom: +360° (outer axis, longitudinal), +85° (inner axis, transversal). Erection rate (2-6)° min. Also 400 HZ 1/2 motors 26 V (torque), 115 V (caging solenoid), and 115 V 21,000 RPM (power motor) Pick-up pots: 5.5K-ohm +55° (roll), 11K ohm +85° (pitch). Angular momentum: 6.33x10⁶ gm cm²/sec. Unit has "line of flight" monitors for normal loft or alternate O/S. 7x9x6; 8 lbs net, 12 lbs sh. Used, \$35.00 \$25.

ME-29 DC AMMETER, USED IN TESTING GRC EQUIPMENT. RANGES: 1, 5, 10, 50, 100, AND 500 MILLIAMPS DC. WITH 3 1/2" ROUND METER, REVERSE POLARITY SWITCH, PATCH CORD, AND COVER. SIZE: 7x3x5; WT: 7 LBS. PRICE: USED, CHECKED, \$15.95

RESISTANCE BRIDGE

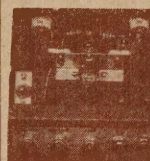
ZM-4 RESISTANCE BRIDGE, portable Wheatstone bridge used to measure DC resistance of communication and power lines to determine shorts, crosses, and grounds. Resistance measurement range 1 ohm to 1,011 M-ohms -0.15%; Resistance box range: 0 to 10,110 ohms, 16-500 MA. Galvanometer indicates degree of balance in test circuit. Requires three "D" cell batteries. Also 22.5 to 200 VDC for more accurate readings above 1000 ohms. Operating instructions included. 5x7x8 1/2, 12 lbs sh. Used, reparable, \$45.00



AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR

AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS.. GAIN: 34.8 DBM MAX. AUDIO OUTPUT 3 WATT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES POWER REQUIRED 115 VOLT 50/60 CYCLE. SIZE: 7x12x14; (NO COVER WITH UNIT) WT: 23 LBS PRICES: USED SERVICEABLE \$8.95 TWO FOR \$15.00

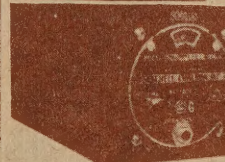
CARRIER MONITOR



CARRIER MONITOR: WHEN COUPLED TO AN ANTENNA TRANSMISSION LINE IT PROVIDES DIRECT CURRENT TO A REMOTE POSITION WHICH CAN BE USED AS A INDICATION OF PROPER TRANSMISSION. THE OUTPUT AMPLITUDE IS PROPORTIONAL TO THE CURRENT FLOW IN THE TRANSMISSION LINE.

INPUT IMPEDANCE 600 OHM, OUTPUT IMP. 600 OHM. OUTPUT LEVEL - 3DBM FOR 100% MOD. INTO 600 OHM LINE. WITH TUBES 6X4, 6J6, 6AL5, V103. VOLTAGE REQ. 115/230V 60 CYC. OUTPUT JACKS AND CONTROLS ON FRONT PANEL. ALSO 2 VACUUM CAPACITORS 3MFD 15 KV AND LEAD FOR CONNECTING TO 500 TO 50K WATT TRANSMITTER IN THE 2 TO MC. RANGE. UNIT ALSO HAS COVER. SIZE: 6x6x8 1/2; 15 LBS. #1028017 UNUSED \$7.95

RECEIVER 200 - 400 KC



BC-1206 RECEIVER AM 200 TO 400 KC USED FOR AIRCRAFT BEACON CALLS VOLTAGE REQUIRED 24 VDC TUBES REQUIRED 2/14H7, 1/14J7, 1/14R7 & 1/28C7. I.F. FREQ. 135 KC, THREE (3) GANG VARIABLE 400-800 MMFD LOCAL OSCILLATORS

THESE RECEIVERS ARE SOLD LESS TUBES AND "AS-IS" BECAUSE WE HAVE FOUND SOMETIMES THE I.F. COILS MAYBE OPEN AND THE COST OF MAKING THE REPAIR IS PROHIBITIVE. HENCE THE LOW LOW PRICE. PLEASE DO NOT ASK US TO CHECK THE COILS. SIZE: 4x4x6 1/2; WT: 6 LBS. USED AS-IS \$5.00



IM-120/UPM STANDING WAVE RATIO METER DESIGNED TO BE PLACED OVER 1 1/2" WAVE GUIDE TO DETERMINE THE STANDING WAVE RATIO OF THE WAVEGUIDE TO THE ANTENNA SYSTEM. USED WITH DIRECTIONAL COUPLER CU-245/U BUT CAN BE ADAPTED TO OTHER SYSTEMS. UNIT HAS 6/IN25 CRYSTAL DIODES AND 3 1/2" METER FOR INDICATION. ALSO INSTRUCTION MANUAL. THE CARRYING CASE IS ALUMINUM SEALED WATERPROOF. CASE SIZE 9x7x5 1/2; WT: 10 LBS. NEW P/O 6275-6575 Mhz radar. \$18.



AUTOMATIC ELECTRIC RELAY ASSEMBLY: 12 A/E TYPE RT-379-A1 RELAYS, 48VDC .1 AMP OPERATING ID CONTACT ARRANG. #D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING SIZE: 13x4x6 1/2; 12 LBS. PRICE: w/COVER

Unused, \$12.95

OSCILLOSCOPE

TDMS-6ER-R-2P OSCILLOSCOPE USED AS TELETYPE SYSTEM AS A RECEIVE UNIT, HAS A 3P1L CATHODE RAY TUBE WITH CONTROLS FOR FOCUS, INTENSITY, AMPLITUDE, MODULATION RATE (RANGE AND VERNIER), AND UNIT CODE. ALSO SIGNAL, DISPLAY, AND TWO BALANCE CONTROLS. WITH SPIRAL-CIRCULAR TIME BASE SWITCH AND INPUT SWITCH. INDICATOR LIGHTS FOR SPEED AND POWER. NEEDS EXTERNAL POWER SUPPLY; VOLTAGES NOT KNOWN. WITH TUBES 3P1, 9/12A7, 3/12AX7, 2/12AT7. SIZE: 5 1/2 x 10 1/2 x 15 WT: 15 LBS

TDMS 14-200B TELESCAN, similar to above; for TTY & low speed data testing. Used, not checked, \$27

TDMS 14-104A AC POWER SUPPLY f/14-200B, 6EB-R2B \$15

MODEL 300 BALLANTINE VACUUM TUBE VOLTMETER, GENERAL PURPOSE TEST SET USED TO MEASURE AC VOLTAGES ALSO AS CAN BE USED AS AN AMPLIFIER AND MICROMETER WHEN PROPERLY CONNECTED. RANGE 10-150V AC. VOLTAGE RANGES 0.001-0.01, 0.1, 1, 10 & 100 DECIBEL SCALE 0-20, OUTPUT IMP. 0-15000 OHMS, INPUT IMP. 0.5 MEGOHMS SHUNTED BY 30 MMF. STABILITY 1% APPROX. DEPENDS ON LINE VOLTAGE. ACC. APPROX. 2% OVER RANGE. POWER REQ. 115 V, 50/60 CYC. REPAIRABLE. SIZE: 4 1/2 x 5 1/2 x 11; WT: 13 LBS. PRICES: USED CHECKED \$39.95, \$12.00

ELECTRO-GUARD SENSOR

ELECTRO-GUARD ALARM "senses" tampering with protected object. Utilizes the loading of a tuned oscillator (about 30 kHz) to detect touch. The item to be protected (which must be metal) functions as an antenna and the circuit is tuned. Once the item is touched, the circuit is de-tuned, tripping a relay. The relay could activate sirens or horns, lights, or cameras. Unit also has continuity circuit for perimeter or fusible link fire alarm. With tuning meter, switches for test-alarm and moment-lock-delay, four relays, two tubes, and one transistor. Requires 115 VAC 60 Hz. 9 1/2 x 11 1/2 x 11 1/2

"AS-IS" needs repair \$18.

COMPACT AXIAL FANS

AXIAL FANS, 4 1/2" square X 1 1/2" thick; 115 VAC 60 Hz. Removed from equipment; guaranteed. Rotron muffin or similar; 3-blade 14W 2 1/2

SPECIAL!! Muffin fan \$9.95 10/\$88. 50/\$410. 100/\$775

RT-159/URC-4 RADIO RECEIVER-TRANSMITTER USED FOR GROUND TO AIR-CRAFT RESCUE WORK. VHF FREQ. 120-130 MC. UHF FREQ. 240-260 MC. CRYSTAL CONTROL TRANSMITTER, SUPER REGENERATIVE RECEIVER. DIPOLE COLLAPSIBLE ANTENNA AND COMB. MIC & EARPHONE ARE PART OF THE SET. WITH 8 BATTERIES 4/6050, 2/6147, 2E32 & 3Q4. BATTERY VOLTAGES REQUIRED 1.4 AND 90 VDC. UNITS USED SERVICEABLE. SIZE: 3 1/2 x 7 1/2 x 2 1/2; WT: 3 LBS. PRICE: USED \$14.95

URC-4 "AS-IS" less tubes, broken coils/terminal \$6.

RT-285/URC-11 RECEIVER-TRANSMITTER SIMILAR TO URC-4 RESCUE UNIT FOR USE BETWEEN AIRCRAFT AND GROUND. UNIT IS SET FOR 243 MC. TELESCOPING ANT. REC.-TRANS-TONE SW. BOTTOM VOLTAGES REQ. 1.4 & 90 VDC. SAME AS URC-4 ALSO URC-4 TEST SET CAN BE USED; TS-684 SHOWN ON PAGE 16 SIZE: 3 1/2 x 1 1/2 x 4; WT: 1 1/2 LBS. PRICE: USED..... \$8.95

URC-11 "AS-IS" less tubes xtal, cut cable, \$7.50

CX-1093A/U POWER CABLE FOR URC-4 \$1.50

URC-4 TEST SET, TS-684/URM-30 USED FOR ALIGNMENT AND TESTING RT-159 REC TRANS. CONTAINS 0-1 MA. METTER, CRYSTAL OSC., METERING SW. ANTENNA, CABLE ETC. IN CASE SIZE 6X6X4. WITH INSTRUCTIONS IN THE COVER. PRICE: \$9.95

TS-433B ELECTRONIC SWITCH, provides two independent time bases for an oscilloscope--allowing for the simultaneous display and comparison of two signals. Unit also functions as square wave generator and as a DC chopper amplifier. Expands the capabilities of AC-coupled scopes. Switching rate: 10-2000 times/sec continuously variable. Freq. response: 0-5000 Hz. Square wave generator range: 10-500 Hz with amplitude variable to 30 V p-p. Input impedance: 100K ohms. Output imp.: 50K ohms. Max. signal output: 75 V p-p. Requires 115/230 VAC 50-60 Hz. 10 1/2 x 13 1/2 x 3 1/2. 30 lbs sh. Used, repairable, \$20.

RECEIVER

BC-229 RECEIVER A.M. I.R.F. 201 TO 398 KC AND 2500 TO 7700 KC BY USE OF PLUG IN COILS SUPPLIED WITH THE REC WITH SIX TUBES 1/37, 1/38 & 4/39. POWER REQUIRED FOR FILAMENTS 12 VOLTS, HIGH VOLTAGE APPROX 200 TO 250 VOLTS D.C. 80 MA. SIZE: 10 1/2 x 8 1/2 x 7; WT: 15 LBS.

Less tubes & coils, \$6. w/tubes, \$14.95; Plug or knob, \$2. Manual, \$7.50

MEASUREMENTS 920 25-1000 Mhz DEVIATION METER, \$225

HELIPOTS 10-turn; 2" L x 1 1/2" dia, 1/4" dia shafts.

10K OHMS, 4-terminal 5%; 5/8" L shaft. Unused \$3.95
30K OHMS, 3-terminal 3%; 5/8" L shaft. Used, \$3.50
50K OHMS, 3-terminal 3%; 3/16" L shaft. Used, \$3.25

6082 TUBES, unused, \$6 ea.
6080 used-checked, \$3 each.
WE-215A TUBES, used-good filaments, \$2.50 each.
6BA7 unused \$2.50 each.
#22 or #85, unused \$5 ea.

TUBE SALE

6 for \$5.00/20 for \$15.00: 0A2 OC3 5U4CA 6Y6G 5Y3GT 6AL5 6AQ5 6AU6 6BG6 6CB6 6AS7G 6SJ7GT 6SL7GT 12AT7 12AU7 12BH7 12SH7 12AX7 12SL7GT 12SX7GT 12C8 12H6 25L6 5R4GY 6414

REPLACEMENT DYNAMIC SPEAKERS for your old radios; cones 3 ohms DC resistance. 3 lbs; unused.

#	Coil	Price	#	Dia	Coil	Price
746B60	4"	\$2.75	F51B1	4 1/4"	400L	\$2.95
5V04S	4 1/4"	3.00	F53B1	4 1/4"	5L	\$3.50
T8X1172	4-7/8"	80L w/	4-pin connection,			\$3.95
2005-4	5-5/8"	80L				\$4.95
1535	4 1/4"	400L				cone 0.5L \$5.
F3B2145	3-1/8"	400L				transformer 160L, cone 0.5 ohms; \$2.85

BC-1152 SCOPE INDICATOR 3" CATHODE RAY TUBE 3HP7, 1/6H6. CONTROLS FOR CENTERING HOR. VERT. AZIM. INTENS. FOCUS & SCALE ILLUM. CABLES WITH 3 PL-259 COAX. CONN. H.V. PLUG. & CONTROL PLUG. SIZE: 14x5x5; WT: 10 LBS. PRICE: USED \$7.

EXPLOSION PROOF STEEL BOX FOR INTERPHONE HANDSET; MOUNTED ON REAR OF TANK. HAS HANDSET HOLDER, CONTROLLER LIGHT, INDICATOR LIGHT, HEAVY SPRING LATCH, AND CABLE CLAMP. SIZE: 14x10x6 1/2; 35 LBS. #BC-1362, \$6.00

DAVEN ATTENUATOR WITH NETWORK 500/500 OHM 20 STEPS, 1 DB PER STEP WITH DIAL AND KNOB. SIZE: 2 1/2" DIA. 2 1/2" DEEP. WT: 1 LB. #T-324F RE-MOVED FROM EQUIP. \$7.95 each

PARTS FOR CRYSTAL SETS

"CPONWELL" DETECTOR STAND Model 14

Use this new '3 way' adjustable stand for louder signals, and clearer reception. Available at your dealer. Without galena, \$1.50

INVENTORY REDUCTION SALE when buying one type of these used-checked tubes:

6 for \$5.00/20 for \$15.00: 0A2 OC3 5U4CA 6Y6G 5Y3GT 6AL5 6AQ5 6AU6 6BG6 6CB6 6AS7G 6SJ7GT 6SL7GT 12AT7 12AU7 12BH7 12SH7 12AX7 12SL7GT 12SX7GT 12C8 12H6 25L6 5R4GY 6414

REPLACEMENT DYNAMIC SPEAKERS for your old radios; cones 3 ohms DC resistance. 3 lbs; unused.

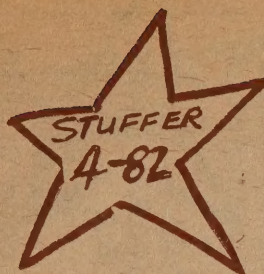
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MIRRA 25 W "antique" pots with knob and pointer; 2" dia. Unused \$4.50
Specify resistance: 6A, 250A, or 400A.



STUFFER #4-82, an offering of clearance items from past catalogs and some "never listed" items. Quantities are limited; prices good thru 8-1-82. F.O.B. Lima, Ohio.

Fair Radio Sales Co.

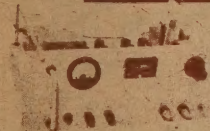
P. O. Box 1105 -- 1016 E. Eureka St.
Lima, Ohio 45802 419/227-6573

RADIATION INDICATOR



CP-95/PD RADIAC COMPUTER-INDICATOR, DESIGNED TO SHOW THE AMOUNT OF X- AND GAMMA RADIATION TO WHICH A DT-60/PD (NOT AVAILABLE OR SIMILAR SILVER-ACTIVATED PHOSPHOR GLASS RADIATION DETECTOR TUBE HAS BEEN EXPOSED. AN EXPOSED DETECTOR GLOWS ORANGE IN THE CP-95's 4 W ULTRAVIOLET LIGHT. THE INTENSITY OF THE LUMINESCENCE IS MEASURED BY A 931VA PHOTOMULTIPLIER TUBE. THE OUTPUT OF THIS TUBE IS THEN TRANSLATED INTO ROENTGENS AND IS SHOWN UPON A 0-200-600 ROENTGENS METER (SIZE: 4 1/2 x 4 1/2; FS-100 UA.) SET INCLUDES FRONT COVER AND TUBES 5726, 5814, 931VA, CK1039 (OR 6143), AND OA2. POWER REQUIRED: 115 VAC 60 Hz. SIZE: 9x9 1/2 x 17; SHPG. WT: 30 LBS. PRICE: UNUSED, \$19. MANUAL, \$5.00

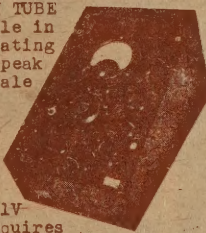
ANTENNA COUPLER



CU-656 ANTENNA COUPLER, HANDLES UP TO EIGHT RECEIVERS IN THE 2-32 MHZ RANGE. GAIN: 0 TO 3 DB. NOISE FIGURE: 6 DB OR BETTER. HAS 0-50 MICROAMMETER TEST INDICATOR AND CIRCUIT SELECTOR SWITCH ON FRONT. 70 OHM INPUT; TYPE C CONNECTIONS. WITH TUBES 20/6922 AND 0B2. POWER REQUIRED: 115/230 VAC 50-60 Hz. SIZE: 7x19x16 1/2; SH WT: 40 LBS. USED, REPARABLE, \$50.00

GENERAL RADIO VTVM

GENERAL RADIO 726A VACUUM TUBE VOLTMETER, the old CR-style in 1/2" thick walnut cabinet dating to late-1930's. Measures peak RMS voltages with full scale ranges 0-1.5-5-15-50-150 VAC. Input impedance: 5 megohms at audio frequencies; decreases at higher frequencies with 380 Mhz resonance when probe is used. Has tubes 1V and 6Q7 and schematic. Requires 115 VAC 60 Hz. Size: 9x7 1/2 x 13 1/2; 21 lbs. sh. Used, reparable-less probe \$18 w/probe, \$28



DIGITAL DC VOLTMETER

DIGITEK 251 DC DIGITAL VOLTMETER, uses RTL logic and four Nixie tube display (2/B5441 and 2/B5440). Has 10V, 100V, and 1000V push-button scales. However, original user tagged these meters, "Do not exceed 400 VDC." Units have calibrate and zero select and adjust, over-range neon indicator, and BCD data output board. Sampling rate adjustable 10/sec to one/2 sec; max. interrogation 10 samples/sec. Requires 115 VAC 60 Hz. 4 1/2 x 8 1/2 x 11 1/2; 15 lbs sh. Used, reparable \$25. Manual \$5.



R-392/URR RECEIVER

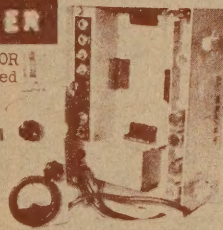


R-392/URR RADIO RECEIVER 500 KHZ TO 32 MHZ IN 32 BANDS OF 1 MHZ EA. EXCEPT 500 KHZ TO 1 MHZ IS 1/2 MHZ. TYPE SIGNAL IS CW, MCW, VOICE AND FREQ. SHIFT KEYING. TRIPLE CONVERSION ON LOWER EIGHT BANDS, DOUBLE ON ALL OTHERS. CONTINUOUS TUNING READ DIRECTLY ON COUNTER-TYPE INDICATOR; BUILT-IN CRYSTAL CALIBRATOR, 100 KHZ POINTS. WITH 25 TUBES OF 26A7, 26A6, 12AU7, 26C6, & 26D6. POWER REQUIRED FOR OPERATION: 24/28 VDC @ 3 AMPS. HIGH PERFORMANCE, RUGGED DESIGN. PORTABLE. SIZE: 11 1/2 x 14 1/2 x 11 WT: 52 LBS. SHPG. WT: 70.

Shipped UPS in 2 packages. Used, checked, \$295. \$265. Manual, partial repro \$15.

GRID DIP METER

AN/PRM-10 TEST OSCILLATOR a grid dip meter designed to determine resonant frequencies of tuned circuits or the frequency of RF signals. Uses seven plug-in coils covering 2 to 400 Mhz in ranges 2-5, 5-10, 10-22, 22-45, 45-100, 100-250, and 250-400 Mhz. Amplitude modulation about 30% produced by 1 V across 150K ohms from external oscillator. Functions as a miniature receiver or transmitter when tuning head and coil are placed near circuit in question. Results indicated on tuning head meter or can be heard with earphones. PRM-10 includes set of coils, tuning head, power supply, transit case, and schematic. Requires 115 VAC 50-1000 Hz. 8 1/2 x 11 1/2 x 5 1/2; 15 lbs sh. Used, reparable, \$95. Checked, \$125



GYROSCOPE ASSEMBLY



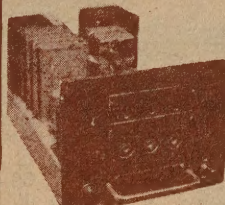
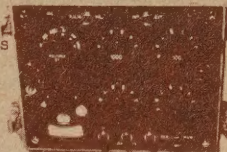
HONEYWELL VERTICAL GYRO ASSEMBLY #JG-7044N-2, single pitch and roll gyro with 400 Hz motors, mercury switches, etc. Gimbal freedom: ±360° (outer axis, longitudinal), ±85° (inner axis, transversal). Erection rate (2-6)° min. Also 400 Hz 10 motors 26 V (torque), 115 V (caging solenoid), and 115 V 21,000 RPM (power motor) Pick-up pots: 5.5K±ohm ±5% (roll), 11K ohm ±85% (pitch). Angular momentum: 6.33x10⁶ gm cm²/sec. Unit has "line of flight" monitors for normal loft or alternate O/S. 7 1/2 x 9 x 6; 8 lbs net, 12 lbs sh. Used, \$35.00 \$25.

ME-29 DC AMMETER, USED IN TESTING GRC EQUIPMENT. RANGES: 1, 5, 10, 50, 100, AND 500 MILLIAMPS DC. WITH 3 1/2" ROUND METER, REVERSE POLARITY SWITCH, PATCH CORD, AND COVER. SIZE: 7 1/2 x 3 1/2 x 5; WT: 7 LBS. PRICE: USED, CHECKED, \$15.95



RESISTANCE BRIDGE

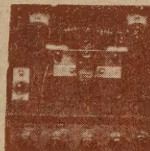
ZM-4 RESISTANCE BRIDGE, portable Wheatstone bridge used to measure DC resistance of communication and power lines to determine shorts, crosses, and grounds. Resistance measurement range 1 ohm to 1,011 M-ohms -0.15%; Resistance box range: 0 to 10,110 ohms, 16-500 MA. Galvanometer indicates degree of balance in test circuit. Requires three "D" cell batteries. Also 22.5 to 200 VDC for more accurate readings above 1000 ohms. Operating instructions included. 5 1/2 x 7 1/2 x 2 1/2, 12 lbs sh. Used, reparable, \$45.00



AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR

AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS. GAIN: 34.8 DB MAX. AUDIO OUTPUT 3 WATT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES POWER REQUIRED 115 VOLT 50/60 CYCLE. SIZE: 7x12x14; (NO COVER WITH UNIT) WT: 23 LBS PRICES: USED SERVICEABLE \$8.95 TWO FOR \$15.00

CARRIER MONITOR



CARRIER MONITOR: WHEN COUPLED TO AN ANTENNA TRANSMISSION LINE IT PROVIDES DIRECT CURRENT TO A REMOTE POSITION WHICH CAN BE USED AS AN INDICATION OF PROPER TRANSMISSION. THE OUTPUT AMPLITUDE IS PROPORTIONAL TO THE CURRENT FLOW IN THE TRANSMISSION LINE. INPUT IMPEDANCE 600 OHM, OUTPUT IMP. 600 OHM. OUTPUT LEVEL - 3DBM FOR 100% MOD. INTO 600 OHM LINE. WITH TUBES 6X4, 6J6, 6AL5, V103. VOLTAGE REQ. 115/230V 60 CYC. OUTPUT JACKS AND CONTROLS ON FRONT PANEL. ALSO 2 VACUUM CAPACITORS 3MMFD 15 KV AND LEAD FOR CONNECTING TO 500 TO 50K WATT TRANSMITTER IN THE 2 TO MC. RANGE. UNIT ALSO HAS COVER. SIZE: 6x6x8 1/2; 15 LBS. #1028017 UNUSE \$7.95

RECEIVER 200 - 400 KC



BC-1206 RECEIVER AM 200 TO 400 KC USED FOR AIRCRAFT BEACON CALLS VOLTAGE REQUIRED 24 VDC TUBES REQUIRED 2/14H7, 1/14J7, 1/14R7 & 1/28D7. I.F. FREQ. 135 KC THREE (3) GANG VARIABLE 400-800 MMFD LOCAL SOCKETS

THESE RECEIVERS ARE SOLD LESS TUBES AND "AS-IS" BECAUSE WE HAVE FOUND SOMETIMES THE I.F. COILS MAYBE OPEN AND THE COST OF MAKING THE REPAIR IS PROHIBITIVE. HENCE THE LOW LOW PRICE. PLEASE DO NOT ASK US TO CHECK THE COILS. SIZE: 4x4x6 1/2; WT: 6 LBS. USED AS-IS \$5.00



IM-120/UPM STANDING WAVE RATIO METER DESIGNED TO BE PLACED OVER 1 1/2" WAVE GUIDE TO DETERMINE THE STANDING WAVE RATIO OF THE WAVEGUIDE TO THE ANTENNA SYSTEM. USED WITH DIRECTIONAL COUPLER CU-245/U BUT CAN BE ADAPTED TO OTHER SYSTEMS. UNIT HAS 6/1N25 CRYSTAL DIODES AND 3 1/2" METER FOR INDICATION. ALSO INSTRUCTION MANUAL. THE CARRYING CASE IS ALUMINUM SEALED WATERPROOF. CASE SIZE 9x7x5 1/2; WT: 10 LBS. NEW P/O

6275-6575 Mhz radar. \$18.



AUTOMATIC ELECTRIC RELAY ASSEMBLY: 12 A/E TYPE RT-379-A1 RELAYS, 48VDC .1 AMP OPERATING 1D CONTACT ARRANG.

#D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING SIZE: 13 1/2 x 4 1/2 x 6 1/2; 12 LBS. PRICE: W/COVER

Unused, \$12.95

OSCILLOSCOPE

TDMS-6EB-2-2B OSCILLOSCOPE USED WITH TELETYPE SYSTEM AS A RECEIVING UNIT, HAS A 3RP1 CATHODE RAY TUBE WITH CONTROLS FOR FOCUS, INTENSITY, AMPLITUDE, MODULATION RATE (RANGE AND VERNIER), AND UNIT CODE. ALSO SIGNAL, DISPLAY, AND TWO BALANCE CONTROLS. WITH SPIRAL-CIRCULAR TIME BASE SWITCH AND INPUT SWITCH. INDICATOR LIGHTS FOR SPEED AND POWER. NEEDS EXTERNAL POWER SUPPLY; VOLTAGES NOT KNOWN. WITH TUBES 3RP1, 9/12A7, 3/12A7, 2/12A7. Size: 5x10x15. WT: 15 LBS

TDMS 14-200B TELESAN, similar to above; for TTY & low speed data testing. Used, not checked, \$27

TDMS 14-104A AC POWER SUPPLY f/14-200B, 6EB-R2B \$15

MODEL 300 BALLANTINE VACUUM TUBE VOLTMETER. GENERAL PURPOSE TEST SET USED TO MEASURE AC VOLTAGES ALSO AS CAN BE USED AS A AMPLIFIER AND MICROMETER WHEN PROPERLY CONNECTED. RANGES 0.001-0.1/1.0/10 & 100 DECIBEL SCALE 0-20. OUTPUT IMP. 0-15000 OHMS. INPUT IMP. 0.5 MEGOHMS SHUNTED BY 30 MMF. STABILITY 1% APPROX. DEPENDING ON LINE VOLTAGE. AC. APPROX. 2% OVER RANGE. POWER REQ. 115 V. 50/60 CYC. Repairable Size: 4x8x5 1/2. WT: 13 LBS. PRICES: USED CHECKED \$39.95, \$12.00

ELECTRO-GUARD SENSOR

ELECTRO-GUARD ALARM, "senses" tampering with protected object. Utilizes the loading of a tuned oscillator (about 30 KHz) to detect touch. The item to be protected (which must be metal) functions as an antenna and the circuit is tuned. Once the item is touched, the circuit is detuned, tripping a relay. The relay could activate sirens or horns, lights, or cameras. Unit also has continuity circuit for perimeter or fusible link fire alarm. With tuning meter, switches for test-alarm and moment-lock-delay, four relays, two tubes, and one transistor. Requires 115 VAC 60 Hz. 9x4

"AS-IS" needs repair \$18.

COMPACT AXIAL FANS

AXIAL FANS, 4 1/2" square X 1 1/2" thick; 115 VAC 60 Hz. Removed from equipment; guaranteed. Rotron MUFFIN or similar; 3-blade 14W 9x4

SPECIAL!! Muffin fan \$9.95 10/\$88. 50/\$410. 100/\$775

RT-159/URC-4 RADIO RECEIVER-TRANSMITTER USED FOR GROUND TO AIR-CRAFT RESCUE WORK. VHF FREQ. 120-130 MC. UHF FREQ. 240-260 MC. CRYSTAL CONTROL TRANSMITTER, SUPER REGENERATIVE RECEIVER. DIPOLE COLLAPSIBLE ANTENNA AND COMB. MIC & EARPHONE ARE PART OF THE SET. WITH 8 TUBES 4/6050, 2/6147, 2E32, & 3C4. BATTERY VOLTAGES REQUIRED 1.4 AND 90 VDC. UNITS USED SERVICEABLE. Size: 3x7x2 1/2. WT: 3 LBS. PRICE: USED \$14.95

URC-4 "AS-IS" less tubes, broken coils/terminal \$6.



RT-285/URC-11 RECEIVER-TRANSMITTER SIMILAR TO URC-4 RESCUE UNIT FOR USE BETWEEN AIRCRAFT AND GROUND. UNIT IS SET FOR 243 MC. TELESOP-ING ANT. REG.-TRANS-TONE SW. BOTTOM VOLTAGES REQ. 1.4 & 90 VDC. SAME AS URC-4 ALSO URC-4 TEST SET CAN BE USED. TS-684 SHOWN ON PAGE 16 Size: 3x1 1/2x4. WT: 1 1/2 LBS. PRICE: USED..... \$18.95

URC-11 "AS-IS" less tubes xtal, cut cable, \$7.50

CX-1093A/U POWER CABLE FOR URC-4 \$1.50

URC-4 TEST SET, TS-684/URM-30 USED FOR ALIGNMENT AND TESTING RT-159 REC TRANS. CONTAINS 0-1 MA. METER, CRYSTAL OSC., METERING SW. ANTENNA, CABLE ETC. IN CASE SIZE 6X6X4. WITH INSTRUCTIONS IN THE COVER PRICE: \$9.95

TS-433B ELECTRONIC SWITCH, provides two independent time bases for an oscilloscope--allowing for the simultaneous display and comparison of two signals. Unit also functions as square wave generator and as a DC chopper amplifier. Expands the capabilities of AC-coupled scopes. Switching rate: 10-2000 times/sec continuously variable. Freq. response: 0-5000 Hz. Square wave generator to range: 10-500 Hz with amplitude variable to 30 V p-p. Input impedance: 100K ohms. Output imp: 50K ohms. Max. signal output: 75 V. p-p. Requires 115/230 VAC 50-60 Hz. 10x6x1 1/2. 30 lbs sh. Used, repairable, \$20.

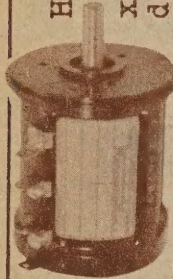
RECEIVER



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Less tubes & coils, \$6. w/tubes, \$14.95; Plug or knob, \$2. Manual, \$7.50

MEASUREMENTS 920 25-1000 Mhz DEVIATION METER, \$225



HELIPOTS 10-turn; 2" L x 1 1/2" dia, 1" dia shafts.

10K OHMS, 4-terminal 5%; 5/8" L shaft. Unused \$3.95
30K OHMS, 3-terminal 3%; 5/8" L shaft. Used, \$3.50
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6 for \$5.00/20 for \$15.00: 0A2 OC3 5U4GA 6Y6G 5Y3GT 6AL5 6AQ5 6AU6 6BG6 6CB6 6AS7G 6SJ7GT 6SL7GT 12AT7 12AU7 12BH7 12SH7 12AX7 12SL7GT 12SX7GT 12C8 12H6 25L6 5R4GY 64L4



REPLACEMENT DYNAMIC SPEAKERS for your old radios; cones 3 ohms DC resistance. 3 lbs; unused.

#	Dia	Coil	Price
T46B60	4"	70Ω	\$2.75
5V04S	4 1/4"	4Ω	3.00
T8XL172	4-7/8"	80Ω w/ 4-pin connection,	\$3.95
2005-4	5-5/8"	80Ω "	\$4.95
1535	4 1/4"	400Ω, transformer 160Ω, cone 0.5Ω	\$5.
F3B2145	3-1/8"	400Ω, cone 0.5 ohms;	\$2.85



BC-1152 SCOPE INDICATOR 3" CATHODE RAY TUBE 3HP7, 1/6H6. CONTROLS FOR CENTERING HOR. VERT. AZIM. INTENS. FOCUS & SCALE ILLUM. CABLES WITH 3 PL-259 COAX. CONN. H.V. PLUG. & CONTROL PLUG. Size: 14x5x5; WT: 10 LBS. PRICE: USED \$7.



EXPLOSION PROOF STEEL BOX FOR INTERPHONE HAND-SET; MOUNTED ON REAR OF TANK. HAS HANDSET HOLDER, CONTROL BOX, INDICATOR LIGHT, HEAVY SPRING LATCH, AND CABLE CLAMP. Size: 14x10x6 1/2; 35 LBS. #8C-1362, \$6.00

DAVEN ATTENUATOR WITH NETWORK 500/500 OHM 20 STEPS, 1 DB PER STEP WITH DIAL AND KNOB. Size: 2 1/2" DIA. 2" DEEP. WT: 1 LB. #T-324F RE-MOVED FROM EQUIP. \$7.95 each



MIRA 25 W "antique" pots with knob and pointer; 2" dia. Unused \$4.50 Specify resistance: 6Ω, 250Ω, or 400Ω.

PARTS FOR CRYSTAL SETS

"CRONWELL"

DETECTOR

STAND

Model 14



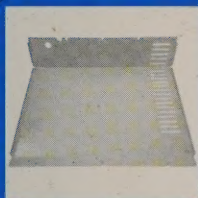
Use this new 3 way adjustable stand for louder signals, and clearer reception. Available at your dealer. Without galena, \$1.50



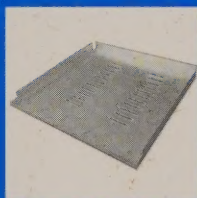
Fair Radio Sales

World's Finest Electronic Surplus

www.fairradio.com - 419-223-2196



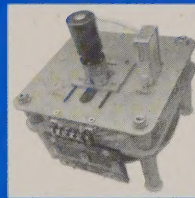
R-388 Covers
#388-CVRS, \$79.50



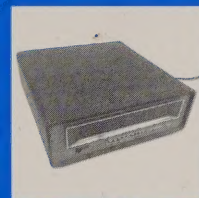
SP-600 Covers
#600-CVRS, \$79.50



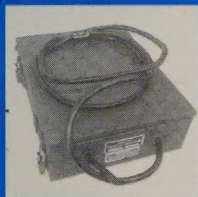
WD-1A Field Wire
#MX-306, \$89.00



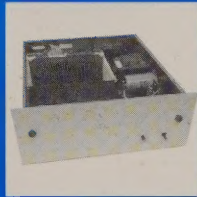
400Hz Var Transformer
#GR-M10, \$150.00



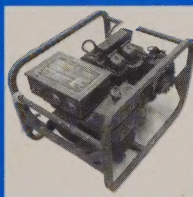
SB-650 Freq Display
#SB-650, \$200



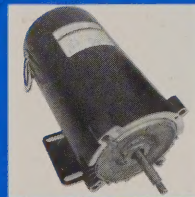
BC659 Power Supply
#PE-117, \$250.00



Motorola Computer
#MOT-CMPT, \$159



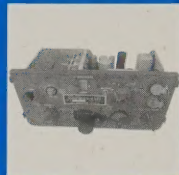
Gas Generator
#1.5KW-60HZ, \$350



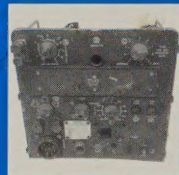
3/4HP 115V Motor
#CET36AEM-175, \$90



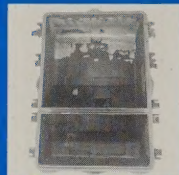
WW2 Blade Antenna
AN-74A, \$125.00



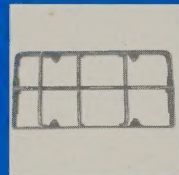
GRC9 Receiver
#GRC9-REC, \$20



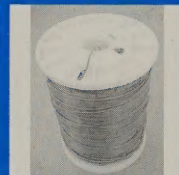
GRC9 Transmitter
#GRC9-TX, \$19.50



GRC9 Cases
#GRC9-CS, \$30



GRC9 Receiver Grill
#GRC9-RX-GRL, \$20



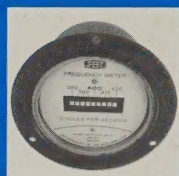
Copper Constantan
Price Reduced



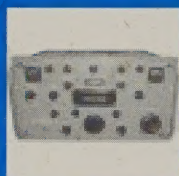
Vehicle Gauge
#GAUGE-VEH, \$10



Tektronix & HP Parts
Tell us your needs



400Hz Freq Meter
#FREQ-400, \$25



R-390A Parts
Ranging \$3.50 & up



Tesla Tech Book
#TESLA-TCH, \$18.50



3 HP GE Motor
#5KE184ATD303A, \$249



Rack Blower
#KP-726B, \$75.00

www.FAIRRADIO.com

419-223-2196

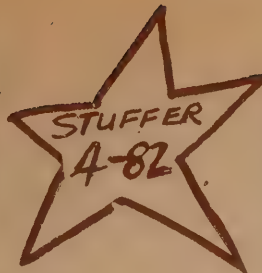


Flyer #2015-A

Fair Radio Sales

2395 St Johns RD
Lima, Ohio 45804

PRSRT STD
U.S. POSTAGE
PAID
MINSTER, OH 45868
Permit No. 2

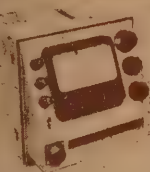


STUFFER #4-82, an offering of clearance items from past catalogs and some "never listed" items. Quantities are limited; prices good thru 8-1-82. F.O.B. Lima, Ohio.

Fair Radio Sales Co.

P. O. Box 1105 -- 1016 E. Eureka St.
Lima, Ohio 45802 419/227-6573

RADIATION INDICATOR



CP-95/PD RADIAC COMPUTER-INDICATOR, DESIGNED TO SHOW THE AMOUNT OF X- AND GAMMA RADIATION TO WHICH A DT-60/PD (NOT AVAILABLE) OR SIMILAR SILVER-ACTIVATED PHOSPHOR GLASS RADIATION DETECTOR TUBE HAS BEEN EXPOSED. AN EXPOSED DETECTOR GLOWS ORANGE IN

THE CP-95'S 4 W ULTRAVIOLET LIGHT. THE INTENSITY OF THE LUMINESCENCE IS MEASURED BY A 931VA PHOTOMULTIPLIER TUBE. THE OUTPUT OF THIS TUBE IS THEN TRANSLATED INTO ROENTGENS AND IS SHOWN UPON A 0-200-600 ROENTGENS METER (SIZE: 4x4x4; FS-100 UA.) SET INCLUDES FRONT COVER AND TUBES 5726, 5814, 931VA, CK1039 (OR 6143), AND 0A2. POWER REQUIRED: 115 VAC 60 Hz. SIZE: 9x9x11; SHPG. WT: 30 LBS. PRICE: UNUSED, \$19. MANUAL, \$5.00

ANTENNA COUPLER



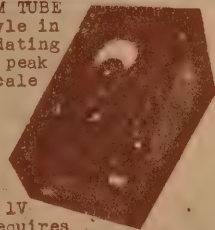
CU-656 ANTENNA COUPLER, HANDLES UP TO EIGHT RECEIVERS IN THE 2-32 MHZ RANGE. GAIN: 0 TO 3 DB. NOISE FIGURE: 6 DB OR BETTER. HAS 0-50 MICROAMMETER TEST

INDICATOR AND CIRCUIT SELECTOR SWITCH ON FRONT. 70 OHM INPUT; TYPE C CONNECTIONS. WITH TUBES: 20/6922 AND 0B2. POWER REQUIRED: 115/230 VAC 50-60 Hz. SIZE: 7x19x16; SH WT: 40 LBS. USED, REPARABLE, \$50.00

GENERAL RADIO VTVM

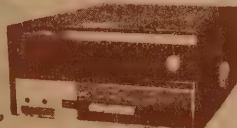
GENERAL RADIO 726A VACUUM TUBE VOLTMETER, the old GR-style in 1/2" thick walnut cabinet dating to late-1930's. Measures peak RMS voltages with full scale ranges 0-1.5-5-15-50-150 VAC. Input impedance; 5 megohms at audio frequencies; decreases at higher frequencies with 380 Mhz resonance when probe is used. Has tubes 1V and 6Q7 and schematic. requires 115 VAC 60 Hz. Size: 9x7x13; 21 lbs. sh.

Used, reparable-less probe \$18 w/probe, \$28

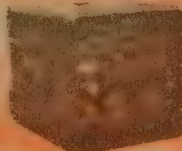


DIGITAL DC VOLTMETER

DIGITEK 251 DC DIGITAL VOLTMETER, uses RTL logic and four Nixie tube display (2/B5441 and 2/B5440). Has 10V, 100V, and 1000V push-button scales. However, original user tagged these meters, "Do not exceed 400 VDC." Units have calibrate and zero select and adjust, over-range neon indicator, and BCD data output board. Sampling rate adjustable 10/sec to one/2 sec; max. interrogation 10 samples/sec. Requires 115 VAC 60 Hz. 4x8x11; 15 lbs sh. Used, reparable \$25. Manual \$5.



R-392/URR RECEIVER



R-392/URR RADIO RECEIVER 500 KHz to .32 MHz in 32 BANDS OF 1 MHZ EA. EXCEPT 500 KHz TO 1MHZ IS 1/2 MHZ. TYPE SIGNAL IS CW, MCW, VOICE AND FREQ. SHIFT KEYING. TRIPLE CONVERSION ON LOWER EIGHT BANDS, DOUBLE ON ALL OTHERS. CONTINUOUS TUNING READ DIRECTLY ON

COUNTER TYPE INDICATOR; BUILT-IN CRYSTAL CALIBRATOR, 100 KHz POINTS. WITH 25 TUBES OF 26A7, 26A6, 12AU7, 26C6, & 26D6. POWER REQUIRED FOR OPERATION: 24/28 VDC @ 3 AMPS. HIGH PERFORMANCE, RUGGED DESIGN. PORTABLE. SIZE: 11x14x11 WT: 52 LBS. SHPG. WT: 70.

Shipped UPS in 2 packages. Used, checked, \$295. \$265. Manual, partial repro \$15.

GRID DIP METER

AN/PRM-10 TEST OSCILLATOR a grid dip meter designed to determine resonant frequencies of tuned circuits or the frequency of RF signals. Uses seven plug-in coils covering 2 to 400 Mhz in ranges 2-5, 5-10, 10-22, 22-45, 45-100, 100-250, and 250-400 Mhz. Amplitude modulation about 30% produced by 1 V across 150K ohms from external oscillator. Functions as a miniature receiver or transmitter when tuning head and coil are placed near circuit in question. Results indicated on tuning head meter or can be heard with earphones. PRM-10 includes set of coils, tuning head, power supply, transit case, and schematic. Requires 115 VAC 50-1000 Hz. 8x11x5; 1 lbs sh. Used, reparable, \$95. Checked, \$125



GYROSCOPE ASSEMBLY



HONEYWELL VERTICAL GYRO ASSEMBLY #JG-7044N-2, single pitch and roll gyro with 400 Hz motors, mercury switches, etc. Gimbal freedom: ±360° (outer axis, longitudinal), ±85° (inner axis, transversal). Erection rate (2-6)° min. Also

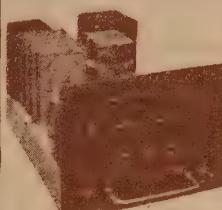
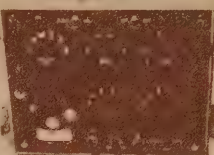
400 Hz 10 motors 26 V (torque), 115 V (caging solenoid), and 115 V 21,000 RPM (power motor) Pick-up pots: 5.5K±ohm ±55° (roll), 11K ohm ±85° (pitch). Angular momentum: 6.33x10⁶ gm cm²/sec. Unit has "line of flight" monitors for normal loft or alternate O/S. 7x9x6; 8 lbs net, 12 lbs sh. Used, \$35.00 \$25.

ME-29 DC AMMETER, USED IN TESTING GRC EQUIPMENT. RANGES: 1, 5, 10, 50, 100, AND 500 MILLIAMPS DC. WITH 3 1/2" ROUND METER, REVERSE POLARITY SWITCH, PATCH CORD, AND COVER. SIZE: 7x3x5; WT: 7 LBS. PRICE: USED, CHECKED, \$15.95



RESISTANCE BRIDGE

ZM-4 RESISTANCE BRIDGE, portable Wheatstone bridge used to measure DC resistance of communication and power lines to determine shorts, crosses, and grounds. Resistance measurement range 1 ohm to 1,011 M-ohms -0.15%; Resistance box range: 0 to 10,110 ohms, 16-500 MA. Galvanometer indicates degree of balance in test circuit. Requires three "D" cell batteries. Also 22.5 to 200 VDC for more accurate readings above 1000 ohms. Operating instructions included. 5 1/2x7 1/2x2 1/2, 12 lbs sh. Used, reparable, \$45.00

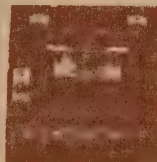


AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR

AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS. GAIN: 34.8 DBM MAX. AUDIO OUTPUT 3 WAT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES

POWER REQUIRED 115 VOLT 50/60 CYCLE. SIZE: 7x12x14; (NO COVER WITH UNIT) WT: 23 LBS. PRICES: USED SERVICEABLE \$8.95 TWO FOR \$15.00

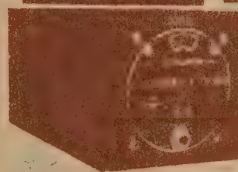
CARRIER MONITOR



CARRIER MONITOR: WHEN COUPLED TO AN ANTENNA TRANSMISSION LINE IT PROVIDES DIRECT CURRENT TO A REMOTE POSITION WHICH CAN BE USED AS AN INDICATION OF PROPER TRANSMISSION. THE OUTPUT AMPLITUDE IS PROPORTIONAL TO THE CURRENT FLOW IN THE TRANSMISSION LINE.

INPUT IMPEDANCE 600 OHM, OUTPUT IMP. 600 OHM. OUTPUT LEVEL - 3dbm FOR 100% MOD. INTO 600 OHM LINE. WITH TUBES 6X4, 6J6, 6AL5, V103. VOLTAGE REQ. 115/230V 60 CYC. OUTPUT JACKS AND CONTROLS ON FRONT PANEL. ALSO 2 VACUUM CAPACITORS 3MMFD 15 KV AND LEAD FOR CONNECTING TO 500 TO 50K WATT TRANSMITTER IN THE 2 TO MC. RANGE. UNIT ALSO HAS COVER. SIZE: 6x6x8; 15 LBS. #1028017 UNUSE \$7.95

RECEIVER 200



BC-1206 RECEIVER AM 200 TO 400 KC USED FOR AIRCRAFT BEACON CALLS VOLTAGE REQUIRED 24 VDC TUBES REQUIRED 2/14H7, 1/14J7, 1/14R7 & 1/28C7. F. FREQ. 135 KC, THREE 1.3 GANG VARIABLE 400-800 MMFD LOCAL SOCKETS

THESE RECEIVERS ARE SOLD LESS TUBES AND "AS-IS" BECAUSE WE HAVE FOUND SOMETIMES THE 1.F COILS MAYBE OPEN AND THE COST OF MAKING THE REPAIR IS PROHIBITIVE. HENCE THE LOW LOW PRICE. PLEASE DO NOT ASK US TO CHECK THE COILS. SIZE: 4x4x6; WT: 6 LBS. USED AS-IS \$5.00



IM-120/UPM STANDING WAVE RATIO METER DESIGNED TO BE PLACED OVER 1 1/2" WAVE GUIDE TO DETERMINE THE STANDING WAVE RATIO OF THE WAVEGUIDE TO THE ANTENNA SYSTEM. USED WITH DIRECTIONAL COUPLER CU-245/U BUT CAN BE ADAPTED TO OTHER SYSTEMS. UNIT HAS 6/IN25 CRYSTAL DIODES AND 3 1/2" METER FOR INDICATION. ALSO INSTRUCTION MANUAL. THE CARRYING CASE IS ALUMINUM SEALED WATERPROOF. CASE SIZE 9x7x5; WT: 10 LBS. NEW P/O

6275-6575 Mhz radar. \$18.



AUTOMATIC ELECTRIC RELAY ASSEMBLY: 12 A/E TYPE RT-379-A1 RELAYS, 48VDC 1 AMP OPERATING 10 CONTACT ARRANG.

#D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING SIZE: 13 1/2x4 1/2x6 1/2; 12 LBS. PRICE: W/COVER

Unused, \$12.95

OSCILLOSCOPE

TOMS-6ER-4.29 OSCILLOSCOPE
USED WITH TELETYPE SYSTEM
AS A RECEIVE UNIT, HAS A
3RPI CATHODE RAY TUBE WITH
CONTROLS FOR FOCUS, INTEN-
SITY, AMPLITUDE, MODULATION RATE (RANGE AND
VERNIER), AND UNIT CODE. ALSO SIGNAL, DIS-
PLAY, AND TWO BALANCE CONTROLS. WITH
SPIRAL-CIRCULAR TIME BASE SWITCH AND INPUT
SWITCH. INDICATOR LIGHTS FOR SPEED AND POW-
ER. NEEDS EXTERNAL POWER SUPPLY, 9/12A07,
NOT KNOWN. WITH TUBES 3RPI, 9/12A07,
3/12AX7, 2/12A7. Size: 5x10x15 WT: 15 LBS

TDMS 14-200B TELESCAN, si-
milar to above; for TTY &
low speed data testing.
Used, not checked, \$35.27
TDMS 14-104A AC POWER SUP-
PLY f/14-200B, 6EB-R2B \$15

MODEL 300 BALLANTINE VACUUM TUBE
VOLTMETER. GENERAL PURPOSE TEST SET
AS USED TO MEASURE AC VOLTAGES ALSO
AS CAN BE USED AS A AMPLIFIER AND
MICROMETER WHEN PROPERLY CONNECTED
FREQ. RANGE 10-1500 CYC. VOLTAGE
RANGES 0.001-0.1/1.0/10 & 100
DECIBEL SCALE 0-20, OUTPUT IMP. 0-
15000 OHMS, INPUT IMP. 0.5 MEGOHMS
SHUNTED BY 30 MMF. STABILITY 1%
APPROX. DEPENDING ON LINE VOLTAGE.
ACC. APPROX. 2% OVER RANGE.
POWER REQ. 115 V. 50/60 CYC. Repairable
Size: 4x4x5 1/2; WT: 13 LBS.
PRICES: USED CHECKED \$39.95, \$12.00

ELECTRO-GUARD SENSOR

ELECTRO-GUARD ALARM, "senses"
tampering with protected ob-
ject. Utilizes the load-
ing of a tuned oscil-
lator (about 30 Khz) to
detect touch. The item
to be protected (which
must be metal) func-
tions as an antenna and
the circuit is tuned. Once
the item is touched, the cir-
cuit is detuned, tripping a relay. The relay
could activate sirens or horns, lights, or
cameras. Unit also has continuity circuit for
perimeter or fusible link fire alarm. With
tuning meter, switches for test-alarm and
moment-lock-delay, four relays, two tubes, and
one transistor. Requires 115 VAC 60 Hz. 94x
100x100. Price: \$18.

COMPACT AXIAL FANS

AXIAL FANS, 4 1/2" square
x 1 1/2" thick; 115 VAC
60 Hz. Removed from
equipment; guaranteed.
Rotron MUFFIN for sim-
ilar; 3-blade 14W 34x.

SPECIAL!! Muffin fan \$9.95
10/\$88. 50/\$410. 100/\$775

RT-159/URC-4 RADIO RECEIVER-TRANS-
MITTER USED FOR GROUND TO AIR-
CRAFT RESCUE WORK. VHF FREQ. 120-
130 MC. UHF, FREQ. 240-260 MC.
CRYSTAL CONTROL TRANSMITTER. SUPER
REGENERATIVE RECEIVER. DIPOLE COL-
LAPSEABLE ANTENNA AND COMB. MIC &
EAPHONE ARE PART OF THE SET. WITH
8 TUBES 4/6050, 2/6147, 2E3, & 304
BATTERY VOLTAGES REQUIRED 1.4 AND
90 VDC. UNITS USED SERVICEABLE.
SIZE: 3 1/2x7x2 1/2; WT: 3 LBS. PRICE: USED \$14.95

URC-4 "AS-IS" less tubes,
broken coils/terminal \$6.

URC-11 "AS-IS" less tubes
xtal, cut cable, \$7.50

URC-4 TEST SET, TS-684/URM-30 USED
FOR ALIGNMENT AND TESTING RT-159 REC
TRANS. CONTAINS 0-1 MA. METER, CRY-
STAL OSC., METERING SW. ANTENNA,
CABLE ETC. IN CASE SIZE 6X6X4.
WITH INSTRUCTIONS IN THE COVER
PRICE: \$9.95

TS-433B ELECTRONIC SWITCH,
provides two independent time
bases for an oscilloscope--
allowing for the simultaneous
display and comparison of two
signals. Unit also functions
as a square wave generator and
as a DC chopper amplifier.
Expands the capabilities of
AC-coupled scopes. Switching rate: 10-2000
times/sec continuously variable. Freq. re-
sponse: 0-5000 Hz. Square wave generator
range: 10-500 Hz with amplitude variable to
30 v p-p. Input impedance: 100K ohms. Out-
put imped: 50K ohms. Max. signal output:
75 V. p-p. Requires 115/230 VAC 50-60 Hz.
10x5 1/2x13. 30 lbs sh. Used, repairable, \$20.

RECEIVER

BC-229 RECEIVER A.M. T.R.F.
201 TO 398 KC AND 2500 TO
7700 KC BY USE OF PLUG IN
COILS SUPPLIED WITH THE REC
WITH SIX TUBES 1/37, 1/38 &
4/39. POWER REQUIRED FOR
FILAMENTS 12 VOLTS, HIGH
VOLTAGE APPROX 200 TO 250 VOLTS D.C. 80 MA.
SIZE: 16x8x7; WT: 15 LBS.

Less tubes & coils, \$6.
W/tubes, \$14.95; Plug or
knob, \$2. Manual, \$7.50
MEASUREMENTS 920 25-1000
Mhz DEVIATION METER, \$225



HELIPOTS 10-
turn; 2" I
xl 1/2" dia, 1"
dia shafts.
10K OHMS, 4-terminal 5%;
5/8" I shaft. Unused \$3.95
30K OHMS, 3-terminal 3%;
5/8" I shaft. Used, \$3.50
50K OHMS, 3-terminal 3%;
3/16" I shaft. Used, \$3.25

6082 TUBES, unused, \$6 ea.
6080 used-checked \$3 each.
WE-215A TUBES, used-good
filaments, \$2.50 each.
6BA7 unused \$2.50 each.
#22 or #85, unused \$5 ea.

TUBE SAVE

6 for \$5.00/20 for \$15.00: 0A2 OC3 5U4GA 6Y6G
5Y3GT 6AL5 6AQ5 6AU6 6BG6 6CB6 6AS7G
63J7GT 6SL7GT 12AT7 12AU7 12BH7 12SH7 12AX7
12SL7GT 12SX7GT 12C8 12H6 25L6 5R4GY 64L4

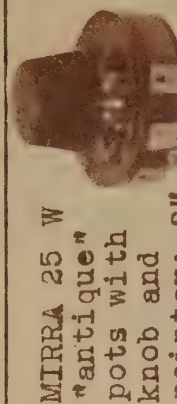
REPLACEMENT DYNAMIC SPEAKERS
for your old radios;
cones 3 ohms DC resist-
ance. 3 lbs; unused.

#	Dia	Coil	Price	#	Dia	Coil	Price
746B60	4"	70Ω	\$2.75	F51B1	4 1/4"	400Ω	\$2.95
5V04S	4 1/4"	4Ω	3.00	F53B1	4 1/4"	5Ω	\$3.50
T8XL172	4-7/8"	80Ω w/	4-pin connection,				\$3.95
2005-4	5-5/8"	80Ω	"				\$4.95
1535	4 1/4"	400Ω	transformer 160Ω, cone 0.5Ω				\$5.
F3B2145	3-1/8"	400Ω	transformer 160Ω, cone 0.5 ohms; \$2.85				

BC-1152 SCOPE
INDICATOR 3H
CATHODE RAY
TUBE 3HP, 1/
CH6. CONTROLS
FOR CENTERING
FOR INTENS.
HORIZ. VERT. AZIM. CABLES
FOCUS & SCALE ILLUM. COAX. CONN.
WITH 3 PL-259 COAX. PLUG.
H.V. PLUG & CONTROL PLUG.
SIZE: 14x5x5 1/2; WT: 10 LBS
PRICE: USED \$7.

EXPLOSION PROOF
INTERPHONE HAND-
SET; MOUNTED ON
REAR OF TANK.
HAS HANDSET HOLC-
ER, CONTROL BOX,
INDICATOR LIGHT,
HEAVY SPRING MECH-
LATCH, AND CABLE CLAMP.
SIZE: 14x10x8 1/2; 35 LBS.
#8C-1362, \$6.00

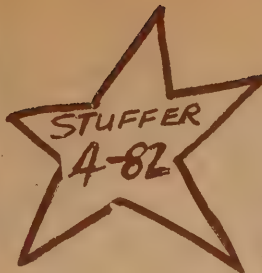
DAVEN ATTENUATOR
WITH NETWORK
500/500 OHM
20 STEPS, 1
DB PER STEP
WITH DIAL
AND KNOB
SIZE: 2 1/2" DIA.
2 1/2" DEEP. WT: 1 LB. #1-324F
RE-MOVED FROM EQUIP.
\$7.95 each



MIRRA 25 W
"antique"
pots with
knob and
pointer; 2"
dia. Unused \$4.50
Specify resistance:
6Ω, 250Ω, or 400Ω.

PARTS FOR CRYSTAL SETS
"CPOK-WELL"
DETECTOR
STAND
Model 14
Use this new '3 way' adjust-
able stand for louder signals.
able and clearer reception. Avail-
able at your dealer.
Without galena, \$1.50

INVENTORY REDUCTION
SALE when buying one
type of these used-
checked tubes:

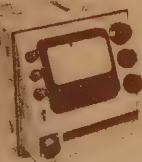


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Lima, Ohio 45802 419/227-6573

RADIATION INDICATOR



CP-95/PD RADIAC COMPUTER-INDICATOR, DESIGNED TO SHOW THE AMOUNT OF X- AND GAMMA RADIATION TO WHICH A DT-60/PD (NOT AVAILABLE OR SIMILAR SILVER-ACTIVATED PHOSPHOR GLASS RADIATION DETECTOR TUBE HAS BEEN EXPOSED. AN EXPOSED DETECTOR GLOWS ORANGE IN

THE CP-95'S 4-W ULTRAVIOLET LIGHT. THE INTENSITY OF THE LUMINESCENCE IS MEASURED-BY A 931VA PHOTOMULTIPLIER TUBE. THE OUTPUT OF THIS TUBE IS THEN TRANSLATED INTO ROENTGENS AND IS SHOWN UPON A 0-200-600 ROENTGENS METER (SIZE: 4x4x4; FS-100 UA.) SET INCLUDES FRONT COVER AND TUBES 5726, 5814, 931VA, CK1039 (OR 6143), AND OA2. POWER REQUIRED: 115 VAC 60 Hz. SIZE: 9x9x17; SHGP. WT: 30 LBS. PRICE: UNUSED, \$19. MANUAL, \$5.00

ANTENNA COUPLER

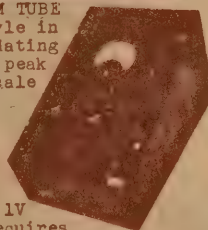


CU-656 ANTENNA COUPLER, HANDLES UP TO EIGHT RECEIVERS IN THE 2-32 MHZ RANGE. GAIN: 0 TO 3 DB. NOISE FIGURE: 6 DB OR BETTER. HAS 0-50 MICROMETER TEST

INDICATOR AND CIRCUIT SELECTOR SWITCH ON FRONT. 70 OHM INPUT; TYPE C CONNECTIONS. WITH TUBES 20/6922 AND 0B2. POWER REQUIRED: 115/230 VAC 50-60 Hz. SIZE: 7x19x16 1/2; SH WT: 40 LBS. USED, REPAIRABLE, \$50.00

GENERAL RADIO VTVM

GENERAL RADIO 726A VACUUM TUBE VOLTMETER, the old CR-style in 1/2" thick walnut cabinet dating to late-1930's. Measures peak RMS voltages with full scale ranges 0-1.5-5-15-50-150 VAC. Input impedance: 5 megohms at audio frequencies; decreases at higher frequencies with 380 Mhz resonance when probe is used. Has tubes 1V and 6Q7 and schematic. requires 115 VAC 60 Hz. Size: 9 1/2 x 7 1/2 x 13 1/2; 21 lbs. sh. Used, reparable-less probe \$18 w/probe, \$28



DIGITAL DC VOLTMETER

DIGITEK 251 DC DIGITAL VOLTMETER, uses RTL logic and four Nixie tube display (2/B5441 and 2/B5440). Has 10v, 100v, and 1000v push-button scales. However, original user tagged these meters, "Do not exceed 400 VDC." Units have calibrate and zero select and adjust, over-range neon indicator, and BCD data output board. Sampling rate adjustable 10/sec to one/2 sec; max. interrogation 10 samples/sec. Requires 115 VAC 60 Hz. 4 1/2 x 8 1/2 x 11 1/2 15 lbs sh. Used, reparable \$25. Manual \$5.



R-392/URR RECEIVER



R-392/URR RADIO RECEIVER 500 KHZ TO .32 MHZ IN 32 BANDS OF 1 MHZ EA. EXCEPT 500 KHZ TO 1MHZ IS 1/2 MHZ. TYPE SIGNAL IS CW, MCW, VOICE AND FREQ. SHIFT KEYING. TRIPLE CONVERSION ON LOWER EIGHT BANDS, DOUBLE ON ALL OTHERS. CONTINUOUS TUNING READ DIRECTLY ON

COUNTER TYPE INDICATOR; BUILT-IN CRYSTAL CALIBRATOR, 100 KHZ POINTS. WITH 25 TUBES OF 26A7, 26A6, 12AU7, 26C6, & 26D6. POWER REQUIRED FOR OPERATION: 24/28 VDC @ 3 AMPS. HIGH PERFORMANCE, RUGGED DESIGN. PORTABLE. SIZE: 11 1/2 x 14 1/2 x 11 WT: 52 LBS. SHGP. WT: 70.

Shipped UPS in 2 packages. Used, checked, \$295. \$265. Manual, partial repro \$15.

GRID DIP METER

AN/PRM-10 TEST OSCILLATOR

a grid dip meter designed to determine resonant frequencies of tuned circuits or the frequency of RF signals. Uses seven plug-in coils covering 2 to 400 Mhz in ranges 2-5, 5-10, 10-22, 22-45, 45-100, 100-250, and 250-400 Mhz. Amplitude modulation about 30% produced by 1 V across 150K ohms from external oscillator. Functions as a miniature receiver or transmitter when tuning head and coil are placed near circuit in question. Results indicated on tuning head meter or can be heard with earphones. PRM-10 includes set of coils, tuning head, power supply, transit case, and schematic. Requires 115 VAC 50-1000 Hz. 8 1/2 x 11 1/2 x 5 1/2 lbs sh. Used, reparable, \$95. Checked, \$125



GYROSCOPE ASSEMBLY



HONEYWELL VERTICAL GYRO ASSEMBLY #1G-7044N-2, single pitch and roll gyro with 400 Hz motors, mercury switches, etc. Gimbals freedom: ±360° (outer axis, longitudinal), ±85° (inner axis, transversal). Erection rate (2-6)° min. Also

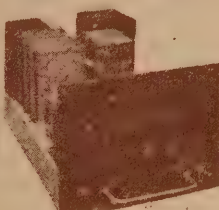
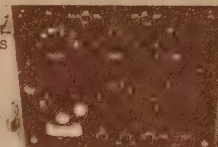
400 Hz 10 motors 26 V (torque), 115 V (caging solenoid), and 115 V 21,000 RPM (power motor) Pick-up pots: 5.5K ohm ±55° (roll), 11K ohm ±85° (pitch). Angular momentum: 6.33x10⁶ gm cm²/sec. Unit has "line of flight" monitors for normal loft or alternate O/S. 7 1/2 x 9 x 6; 8 lbs net, 12 lbs sh. Used, \$35.00 \$25.

ME-29 DC AMMETER, USED IN TESTING GRC EQUIPMENT. RANGES: 1, 5, 10, 50, 100, AND 500 MILLIAMPS DC. WITH 3 1/2" ROUND METER, REVERSE POLARITY SWITCH, PATCH CORD, AND COVER. SIZE: 7 1/2 x 3 1/2 x 5; WT: 7 LBS. PRICE: USED, CHECKED, \$15.95



RESISTANCE BRIDGE

ZM-4 RESISTANCE BRIDGE, portable Wheatstone bridge used to measure DC resistance of communication and power lines to determine shorts, crosses, and grounds. Resistance measurement range 1 ohm to 1,011 M-ohms -0.15%; Resistance box range: 0 to 10,110 ohms, 16-500 MA. Galvanometer indicates degree of balance in test circuit. Requires three "D" cell batteries. Also 22.5 to 200 VDC for more accurate readings above 1000 ohms. Operating instructions included. 5 1/2 x 7 1/2 x 8 1/2, 12 lbs sh. Used, reparable, \$45.00



AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR

AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS.. GAIN: 34.8 DBM MAX. AUDIO OUTPUT 3 WATT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES

POWER REQUIRED 115 VOLT 50/60 CYCLE. SIZE: 7x12x14; (NO COVER WITH UNIT) WT: 23 LBS. PRICES: USED SERVICEABLE \$8.95 TWO FOR \$15.00

CARRIER MONITOR



CARRIER MONITOR: WHEN COUPLED TO AN ANTENNA TRANSMISSION LINE IT PROVIDES DIRECT CURRENT TO A REMOTE POSITION WHICH CAN BE USED AS AN INDICATION OF PROPER TRANSMISSION. THE OUTPUT AMPLITUDE IS PROPORTIONAL TO THE CURRENT FLOW IN THE TRANSMISSION LINE.

INPUT IMPEDANCE 600 OHM, OUTPUT IMP. 600 OHM. OUTPUT LEVEL - 30DBM FOR 100% MOD. INTO 600 OHM LINE. WITH TUBES 6X4, 6J6, 6AL5, V103. VOLTAGE REQ. 115/230V 60 CYC. OUTPUT JACKS AND CONTROLS ON FRONT PANEL. ALSO 2 VACUUM CAPACITORS 3MMFD 15 KV AND LEAD FOR CONNECTING TO 500 TO 50K WATT TRANSMITTER IN THE 2 TO MC. RANGE. UNIT ALSO HAS COVER. SIZE: 6x6x8 1/2; 15 LBS. #1028017 UNUSE \$7.95

RECEIVER



RC-1206 RECEIVER AM 200 TO 400 KC USED FOR AIRCRAFT BEACON CALLS VOLTAGE REQUIRED 24 VDC TUBES REQUIRED 2/14H7, 1/14U7, 1/14R7 & 1/2807. I.F. FREQ. 135 KC, THREE (3) GANG VARIABLE 400-800 MMFD LOCAL SOCKETS

THESE RECEIVERS ARE SOLD LESS TUBES AND "AS-IS" BECAUSE WE HAVE FOUND SOMETIMES THE I.F. COILS MAYBE OPEN AND THE COST OF MAKING THE REPAIR IS PROHIBITIVE. HENCE THE LOW LOW PRICE. PLEASE DO NOT ASK US TO CHECK THE COILS. SIZE: 4x4x6 1/2; WT: 6 LBS. USED AS-IS \$5.00



IM-120/UPM STANDING WAVE RATIO METER DESIGNED TO BE PLACED OVER 1 1/2" WAVE GUIDE TO DETERMINE THE STANDING WAVE RATIO OF THE WAVEGUIDE TO THE ANTENNA SYSTEM. USED WITH DIRECTIONAL COUPLER CU-245/U BUT CAN BE ADAPTED TO OTHER SYSTEMS. UNIT HAS 6/IN25 CRYSTAL DIODES AND 3 1/2" METER FOR INDICATION. ALSO INSTRUCTION MANUAL. THE CARRYING CASE IS ALUMINUM SEALED WATERPROOF. CASE SIZE 9x7x5 1/2; WT: 10 LBS. NEW P/O 6275-6575 Mhz radar. \$18.



AUTOMATIC ELECTRIC RELAY ASSEMBLY: 12 A/E TYPE RT-379-A1 RELAYS, 48VDC .1 AMP OPERATING ID CONTACT ARRANG. #D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING SIZE: 13 1/2 x 4 1/2 x 6 1/2; 12 LBS. PRICE: w/COVER

Unused, \$12.95

OSCILLOSCOPE

TDMS-6ED-7-2P OSCILLOSCOPE
USED WITH TELETYPE SYSTEM
AS A RECEIVE UNIT, HAS A
3RPI CATHODE RAY TUBE WITH
CONTROLS FOR FOCUS, INTEN-
SITY, AMPLITUDE, MODULATION RATE (RANGE) AND
VERNIER, AND UNIT CODE. ALSO SIGNAL, DIS-
PLAY, AND TWO BALANCE CONTROLS. WITH
SPIRAL-CIRCULAR TIME BASE SWITCH AND INPUT
SWITCH. INDICATOR LIGHTS FOR SPEED AND POW-
ER. NEEDS EXTERNAL POWER SUPPLY: VOLTAGES
NOT KNOWN. WITH TUBES 3RPI, 9/12A7,
3/12AX7, 2/12A7. SIZE: 5x10x15 WT: 15 LBS

TDMS 14-200B TELESCAN, si-
milar to above; for TTY &
low speed data testing.
Used, not checked, \$35.27

TDMS 14-104A AC POWER SUP-
PLY f/14-200B, 6EB-R2B \$15

MODEL 300 BALLANTINE VACUUM TUBE
VOLT-METER. GENERAL PURPOSE TEST SET
USED TO MEASURE AC VOLTAGES ALSO
AS CAN BE USED AS A AMPLIFIER AND
MICROMETER WHEN PROPERLY CONNECTED
FREQ. RANGE 10-1500 CYC.
RANGES 0.001-0.01/1.0/10 & 100
DECIBEL SCALE 0-20. OUTPUT IMP. 0-
15000 OHMS, INPUT IMP. 0.5 MEGOHMS
SHUNTED BY 30 MMF. STABILITY 1%
APPROX. DEPENDING ON LINE VOLTAGE.
ACC. APPROX. 2% OVER RANGE.
POWER REQ. 115 V. 50/60 CYC. Repairable
SIZE: 4x4x5 1/2 WT: 13 LBS.
PRICES: USED CHECKED \$39.95, \$12.00

ELECTRO-GUARD SENSOR

ELECTRO-GUARD ALARM, "senses"
tampering with protected ob-
ject. Utilizes the load-
ing of a tuned oscil-
lator (about 30 KHz) to
detect touch. The item
to be protected (which
must be metal) func-
tions as an antenna and
the circuit is tuned. Once
the item is touched, the cir-
cuit is detuned, tripping the relay
could activate sirens or horns, lights, or
cameras. Unit also has continuity circuit for
perimeter or fusible link fire alarm. With
tuning meter, switches for test-alarm and
moment-lock-delay, four relays, two tubes, and
one transistor. Requires 115 VAC 60 Hz. 94x
"AS-IS" needs repair \$18.

COMPACT AXIAL FANS

AXIAL FANS, 4 1/2" square
x 1 1/2" thick; 115 VAC
60 Hz. Removed from
equipment; guaranteed.
Rotron MUFFIN or sim-
ilar; 3-blade 14W 4x4.

SPECIAL!! Muffin fan \$9.95
10/\$88.50/\$410.100/\$775

RT-159/URC-4 RADIO RECEIVER-TRANS-
MITTER USED FOR GROUND TO AIR-
CRAFT RESCUE WORK. VHF FREQ. 120-
130 MC. UHF FREQ. 240-260 MC.
CRYSTAL CONTROL TRANSMITTER, SUPER
REGENERATIVE RECEIVER. DIPOLE COL-
LAPSABLE ANTENNA AND COMB. MIC &
EARPHONE ARE PART OF THE SET. WITH
8 TUBES 4/6050, 2/6147, 2E52 & 3C4.
BATTERY VOLTAGES REQUIRED 1.4 AND
90 VDC. UNITS USED SERVICEABLE.
SIZE: 38x7x2 1/2 WT: 3 LBS. PRICE: USED \$14.95

URC-4 "AS-IS" less tubes,
broken coils/terminal \$6.

RT-285/URC-11 RECEIVER-TRANSMITTER
SIMILAR TO URC-4 RESCUE UNIT FOR
USE BETWEEN AIRCRAFT AND GROUND.
UNIT IS SET FOR 243 MC. TELESOP-
ING ANT. REC.-TRANS-TONE SW. BOTTOM
VOLTAGES REQ. 1.4 & 90 VDC. SAME
AS URC-4 ALSO URC-4 TEST SET CAN
BE USED. TS-684 SHOWN ON PAGE 16
SIZE: 3x1 1/2x4; WT: 1 1/2 LBS.
PRICE: USED..... \$7.95

URC-11 "AS-IS" less tubes
xtal, out cable, \$7.50

CX-1093A/U POWER CABLE FOR URC-4 \$1.50

URC-4 TEST SET, TS-684/URC-30 USED
FOR ALIGNMENT AND TESTING RT-159 REC
TRANS. CONTAINS 0-1 MA. METER, CRY-
STAL OSC., METERING SW. ANTENNA,
CABLE ETC. IN CASE SIZE 6X6X4.
WITH INSTRUCTIONS IN THE COVER
PRICE: \$9.95

TS-433B ELECTRONIC SWITCH,
provides two independent time
bases for an oscilloscope--
allowing for the simultaneous
display and comparison of two
signals. Unit also functions
as a square wave generator and
as a DC chopper amplifier.
Expands the capabilities of
AC-coupled scopes. Switching rate: 10-2000
times/sec continuously variable. Freq. re-
sponse: 0-5000 Hz. Square wave generator
range: 10-500 Hz with amplitude variable to
30 V p-p. Input impedance: 100K ohms. Out-
put imped: 50K ohms. Max. signal output:
75 V. p-p. Requires 115/230 VAC 50-60 Hz.
10x8x13. 30 lbs sh. Used, repairable, \$20.

RECEIVER

BC-229 RECEIVER A.M. T.R.F.
201 TO 398 KC AND 2500 TO
7700 KC BY USE OF PLUG IN
COILS SUPPLIED WITH THE REC
WITH 81X TUBES 1/37, 1/38 &
4/35. POWER REQUIRED FOR
FILAMENTS 12 VOLTS, HIGH
VOLTAGE APPROX 200 TO 250 VOLTS D.C. 80 MA.
Size: 16x8x7; WT: 15 LBS.

Less tubes & coils, \$6.
w/tubes, \$14.95; Plug or
knob, \$2. Manual, \$7.50

MEASUREMENTS 920 25-1000
MHz DEVIATION METER, \$225

HELIPOTS 10-
turn; 2" L
x 1 1/2" dia, 1"
dia shafts.

10K OHMS, 4-terminal 5%;
5/8"L shaft. Unused \$3.95
30K OHMS, 3-terminal 3%;
5/8"L shaft. Used, \$3.50
50K OHMS, 3-terminal 3%;
3/16"L shaft. Used, \$3.25

6082 TUBES, unused, \$6 ea.
6080 used-checked \$3 each.
WE-215A TUBES, used-good
filaments, \$2.50 each.
6BA7 unused \$2.50 each.
#22 or #85, unused \$5 ea.

TUBE SALE

6 for \$5.00/20 for \$15.00: 0A2 0C3 5U4CA 6Y6G
5Y3GT 6AL5 6AQ5 6AU6 6BC6 6CB6 6AS7G
6SJ7GT 6SL7GT 12AT7 12AU7 12BH7 12SH7 12AX7
12SL7GT 12SX7GT 12C8 12H6 25L6 5R4GY 64L4

REPLACEMENT DYNAMIC SPEAKERS
for your old radios;
cones 3 ohms DC resist-
ance. 3 lbs; unused.
Dia Coil Price # Dia Coil Price
T46B60 4" 70L \$2.75 F51B1 4 1/4" 400L \$2.95
5V04S 4 1/4" 4JL 3.00 F53B1 4 1/4" 5L \$3.50
T8XL172 4-7/8" 80L w/ 4-pin connection, \$3.95
2005-4 5-5/8" 80L " \$4.95
1535 4 1/4" 400L, transformer 160L, cone 0.5L \$5.
F3B2145 3-1/8" 400L, cone 0.5 ohms; \$2.85

BC-1152 SCOPE
INDICATOR 3H
CATHODE RAY
TUBE 3HP7, 1/
6H6. CONTROLS
FOR CENTERING
HOR. VERT. AZIM.
FOCUS & SCALE ILLUM. CABLES
WITH 3-PL-259 COAX. CONN.
H-V PLUG. & CONTROL PLUG.
SIZE: 14x10x5; WT: 10 LBS.
PRICE: USED \$7.

EXPLOSION PROOF
STEEL BOX FOR
INTERPHONE HAND-
SET; MOUNTED ON
REAR OF TANK.
HAS HANDSET HOLD-
ER, CONTROL BOX,
INDICATOR LIGHT,
HEAVY SPRING
LATCH, AND CABLE CLAMP.
SIZE: 14x10x5; 35 LBS. SH.
#BC-1362, \$6.00

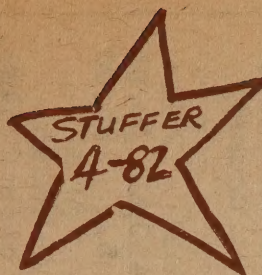
DAVEN ATTENUATOR
WITH NETWORK
500/500 OHM
20 STEPS, 1
DB PER STEP
WITH DIAL
AND KNOB.
SIZE: 2 1/2" DIA.
2 1/2" DEEP.
HE-MOVED FROM EQUIP.
\$7.95 each

MIRRA 25 W
"antique"
pots with
knob and
pointer; 2"
dia. Unused \$4.50
Specify resistance:
6L, 250L, or 400L.

PARTS FOR CRYSTAL SETS

"CORNWELL" DETECTOR

STAND Model 14
Use this new 3 way adjust-
able stand for louder signals,
and clearer reception. Avail-
able at your dealer.
Without galena, \$1.50



STUFFER #4-82, an offering of clearance items from past catalogs and some "never listed" items. Quantities are limited; prices good thru 8-1-82. F.O.B. Lima, Ohio.

Fair Radio Sales Co.

P. O. Box 1105 -- 1016 E. Eureka St.
Lima, Ohio 45802 419/227-6573

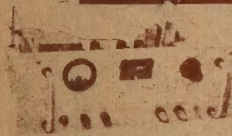
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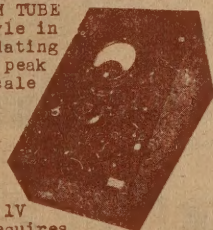


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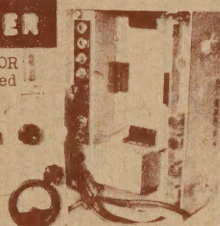
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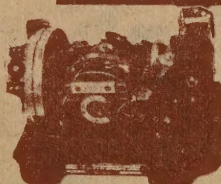
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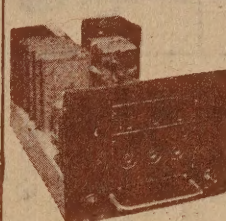
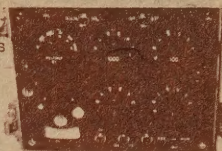
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ZM-4 RESISTANCE BRIDGE, portable Wheatstone bridge used to measure DC resistance of communication and power lines to determine shorts, crosses, and grounds. Resistance measurement range 1 ohm to 1,011 M-ohms -0.15%; Resistance box range: 0 to 10,110 ohms, 16-500 MA. Galvanometer indicates degree of balance in test circuit. Requires three "D" cell batteries. Also 22.5 to 200 VDC for more accurate readings above 1000 ohms. Operating instructions included. 5x7x8; 12 lbs sh. Used, reparable, \$45.00

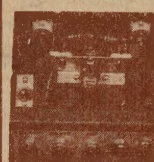


AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR

AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS.. GAIN: 34.8 DBM MAX. AUDIO OUTPUT 3 WAT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES

POWER REQUIRED 115 VOLT 50/60 CYCLE. SIZE: 7x12x14; (NO COVER WITH UNIT) WT: 23 LBS. PRICES: USED SERVICEABLE \$8.95 TWO FOR \$15.00

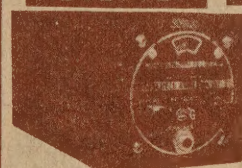
CARRIER MONITOR



CARRIER MONITOR: WHEN COUPLED TO AN ANTENNA TRANSMISSION LINE IT PROVIDES DIRECT CURRENT TO A REMOTE POSITION WHICH CAN BE USED AS AN INDICATION OF PROPER TRANSMISSION. THE OUTPUT AMPLITUDE IS PROPORTIONAL TO THE CURRENT FLOW IN THE TRANSMISSION LINE.

INPUT IMPEDANCE 600 OHM, OUTPUT IMP. 600 OHM. OUTPUT LEVEL - 30dBm FOR 100% MOD. INTO 600 OHM LINE. WITH TUBES 6X4, 6J6, 6AL5, V103. VOLTAGE REQ. 115/230V 60 CYC. OUTPUT JACKS AND CONTROLS ON FRONT PANEL. ALSO 2 VACUUM CAPACITORS 3MMFD 15 KV AND LEAD FOR CONNECTING TO 500 TO 50K WATT TRANSMITTER IN THE 2 TO MC. RANGE. UNIT ALSO HAS COVER. SIZE: 6x6x8; 15 LBS. #1028017 UNUSE \$7.95

RECEIVER 200 - 400



BC-1206 RECEIVER AM 200 TO 400 KC USED FOR AIRCRAFT BEACON CALLS VOLTAGE REQUIRED 24 VDC TUBES REQUIRED 2/14H7, 1/14J7, 1/14H7 & 1/2807. F. FREQ. 135 KC, THREE (3) GANG VARIABLE 400-800 MMFD LOCAL SOCKETS

THESE RECEIVERS ARE SOLD LESS TUBES AND "AS-IS" BECAUSE WE HAVE FOUND SOMETIMES THE I.F. COILS MAYBE OPEN AND THE COST OF MAKING THE REPAIR IS PROHIBITIVE. HENCE THE LOW LOW PRICE. PLEASE DO NOT ASK US TO CHECK THE COILS. SIZE: 4x4x6; WT: 6 LBS. USED AS-IS \$5.00



IM-120/UPM STANDING WAVE RATIO METER DESIGNED TO BE PLACED OVER 1/2" WAVE GUIDE TO DETERMINE THE STANDING WAVE RATIO OF THE WAVEGUIDE TO THE ANTENNA SYSTEM. USED WITH DIRECTIONAL COUPLER CU-245/U BUT CAN BE ADAPTED TO OTHER SYSTEMS. UNIT HAS 6/IN25 CRYSTAL DIODES AND 3 1/2" METER FOR INDICATION. ALSO INSTRUCTION MANUAL. THE CARRYING CASE IS ALUMINUM SEALED. WATERPROOF. CASE SIZE 9x7x5; WT: 10 LBS. NEW P/O

6275-6575 Mhz radar. \$18.



AUTOMATIC ELECTRIC RELAY ASSEMBLY: 12 A/E TYPE RT-379- A1 RELAYS, 48VOC 1 AMP OPERATING 1D CONTACT ARRANG.

#D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING SIZE: 13x4x6; 12 LBS. PRICE: W/COVER

Unused, \$12.95

OSCILLOSCOPE

TDMS-6EB-R-29 OSCILLOSCOPE
USED WITH TELETYPE SYSTEM
AS A RECEIVER UNIT, HAS A
3RP1 CATHODE RAY TUBE WITH
CONTROLS FOR FOCUS, INTEN-
SITY, AMPLITUDE, MODULATION RATE (RANGE AND
PLAY), AND TWO BALANCE CONTROLS. WITH
SPIRAL-CIRCULAR TIME BASE SWITCH AND INPUT
SWITCH. INDICATOR LIGHTS FOR SPEED AND POW-
ER. NEEDS EXTERNAL POWER SUPPLY. VOLTAGES
NOT KNOWN. WITH TUBES 3RP1, 9/12A7.
3/12AX7, 2/12A7. SIZE: 5 1/2x10 1/2x15 WT: 15 lbs

TDMS 14-200B TELESCAN, si-
milar to above; for TTY &
low speed data testing.
Used, not checked, \$85.27

TDMS 14-104A AC POWER SUP-
PLY f/14-200B, 6EB-R2B \$15

MODEL 300 BALLANTINE VACUUM TUBE
VOLTMETER. GENERAL PURPOSE TEST SET
USED TO MEASURE AC VOLTAGES ALSO
AS CAN BE USED AS A AMPLIFIER AND
MICROMETER WHEN PROPERLY CONNECTED
FREQ. RANGE 10-1500 CYC/VOLTAGE
RANGES 0.001-0.01/1.0/10 & 100
DECIBEL SCALE 0-20, OUTPUT IMP. 0-
15000 OHMS, INPUT IMP. 0.5 MEGOHMS
SHUNTED BY 30 MMF. STABILITY 1%
APPROX. DEPENDENT ON LINE VOLTAGE.
ACC. APPROX. 2% OVER RANGE
POWER REQ. 115 V. 50/60 CYC. Repairable
SIZE: 4 1/2x5 1/2x11 WT: 13 LBS.
PRICES: USED CHECKED \$89.95, \$12.00

ELECTRO-GUARD SENSOR

ELECTRO-GUARD ALARM, "senses"
tampering with protected ob-
ject. Utilizes the load-
ing of a tuned oscil-
lator (about 30 KHz) to
detect touch. The item
to be protected (which
must be metal) func-
tions as an antenna and
the circuit is tuned. Once
the item is touched, the cir-
cuit is detuned, tripping the relay
could activate sirens or horns, lights, or
cameras. Unit also has continuity circuit for
perimeter or fusible link fire alarm. With
tuning meter, switches for test-alarm and
moment-lock-delay. Four relays, two tubes, and
one transistor. Requires 115 VAC 60 Hz. 9 1/2x

"AS-IS" needs repair \$18.

COMPACT AXIAL FANS

AXIAL FANS, 4 1/2" square
x 1 1/2" thick; 115 VAC
60 Hz. Removed from
equipment; guaranteed.
Rotron Muffinor sim-
ilar; 3-blade 14W 1/2x.

SPECIAL! Muffin fan \$9.95
10/\$88. 50/\$410. 100/\$775

RT-159/URC-4 RADIO RECEIVER-TRANS-
MITTER USED FOR GROUND TO AIR-
CRAFT RESCUE WORK. VHF FREQ. 120-
130 MC. UHF FREQ. 240-260 MC.
CRYSTAL CONTROL TRANSMITTER, SUPER
REGENERATIVE RECEIVER, DIPOLE COL-
LAPSIABLE ANTENNA AND COMB. MIC &
EARPHONE ARE PART OF THE SET. WITH
8 TUBES 4/6050, 2/6147, 2E3, 1 & 3C4.
BATTERY VOLTAGES REQUIRED 1.4 AND
90 VDC. UNITS USED SERVICEABLE.
SIZE: 3 1/2x12 1/2x2; WT: 3 LBS. PRICE: USED \$14.95

URC-4 "AS-IS" less tubes,
broken coils/terminal \$6.

RT-285/URC-11 RECEIVER-TRANSMITTER
SIMILAR TO URC-4 RESCUE UNIT FOR
USE BETWEEN AIRCRAFT AND GROUND.
UNIT IS SET FOR 243 MC. TELESCOP-
ING AMT. REC.-TRANS-TONE SW. BOTTOM
VOLTAGES REQ. 1.4 & 90 VDC. SAME
AS URC-4 ALSO URC-4 TEST SET CAN
BE USED. TS-684 SHOWN ON PAGE 16
SIZE: 3x12 1/2x4; WT: 1 1/2 LBS.
PRICE: USED..... \$18.95

URC-11 "AS-IS" less tubes
xtal, cut cable, \$7.50

CX-1093A/U POWER CABLE FOR URC-4 \$1.50

URC-4 TEST SET, TS-684/URM-30 USED
FOR ALIGNMENT AND TESTING RT-159 REC
TRANS. CONTAINS 0-1 MA. METER, CRY-
STAL OSC., METERING SW. ANTENNA,
CABLE ETC. IN CASE SIZE 6X6X4.
WITH INSTRUCTIONS IN THE COVER
PRICE: \$9.95

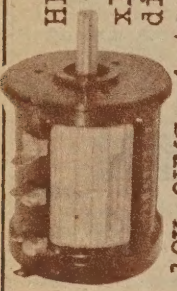
TS-433B ELECTRONIC SWITCH,
provides two independent time
bases for an oscilloscope--
allowing for the simultaneous
display and comparison of two
signals. Unit also functions
as a square wave generator and
as a DC chopper amplifier.
Expands the capabilities of
AC-coupled scopes. Switching rate: 10-2000
times/sec continuously variable. Freq. re-
sponse: 0-5000 Hz. Square wave generator
range: 10-500 Hz with amplitude variable to
30 V p-p. Input impedance: 100K ohms. Out-
put imped: 50K ohms. Max. signal output:
75 V. p-p. Requires 115/230 VAC 50-60 Hz.
10x6x15. 30 lbs sh. Used, repairable, \$20.

RECEIVER

BC-229 RECEIVER A.M. T.R.F.
201 TO 398 KC AND 2500 TO
7700 KC BY USE OF PLUG IN
COILS SUPPLIED WITH THE REC
WITH SIX TUBES 1/37, 1/38 &
4/39. POWER REQUIRED FOR
FILAMENTS 12 VOLTS, HIGH
VOLTAGE APPROX 200 TO 250 VOLTS D.C. @ 80 MA.
SIZE: 16X8X7; WT: 15 LBS.

Less tubes & coils, \$6.
w/tubes, \$14.95; Plug or
knob, \$2. Manual, \$7.50

MEASUREMENTS 920 25-1000
Mhz DEVIATION METER, \$225



HELIPOTS 10-
turn; 2 1/2" dia, 1 1/2"
xl 1/2" dia shafts.
10K OHMS, 4-terminal 5%;
5/8" shaft. Unused \$3.95
30K OHMS, 3-terminal 3%;
5/8" shaft. Used, \$3.50
50K OHMS, 3-terminal 3%;
3/16" shaft. Used, \$3.25

6082 TUBES, unused, \$6 ea.
6080 used-checked \$3 each.
WE-215A TUBES, used-good
filaments, \$2.50 each.
6BA7 unused \$2.50 each.
#22 or #85, unused \$5 ea.

TUBE SALE

6 for \$5.00/20 for \$15.00: 0A2 OC3 5U4GA 6Y6G
5Y3GT 6AL5 6AQ5 6AU6 6BG6 6CB6 6AS7G
6SJ7GT 6SL7GT 12AT7 12AU7 12BH7 12SH7 12AX7
12SL7GT 12SX7GT 12C8 12H6 2516 5R4GY 6414

REPLACEMENT DYNAMIC SPEAKERS
for your old radios;
cones 3 ohms DC resist-
ance. 3 lbs; unused.

#	Coil	Price	#	Dia	Coil	Price
T46B60	4"	\$2.75	F51B1	4 1/2"	400Ω	\$2.95
5V04S	4 1/2"	3.00	F53B1	4 1/2"	5Ω	\$3.50
T8XL172	4-7/8"	80Ω w/		4-pin connection,		\$3.95
2005-4	5-5/8"	80Ω		"		\$4.95
1535	4 1/2"	400Ω		transformer 160Ω,	cone 0.5Ω	\$5.
F3B2145	3-1/8"	400Ω,		cone 0.5 ohms;		\$2.85

BC-1152 SCOPE
INDICATOR 3"
CATHODE RAY
TUBE 3RP7, 1/
6H6. CONTROLS
FOR CENTERING
FOR INTENS.
HOR. VERT. AZIM. CABLES
FOCUS & SCALE ILLUM. CORR.
WITH 3 PL-259 CORX. CORR.
H.V. PLUG & CONTROL PLUG.
SIZE: 14X5X5; WT: 10 L
PRICE: USED \$7.

EXPLOSION PROOF
STEEL BOX FOR
INTERPHONE HAND-
SET; MOUNTED ON
REAR OF TANK.
HAS HANDSET HOL-
DER, CONTROL BOX,
INDICATOR LIGHT,
HEAVY SPRING
LATCH, AND CABLE CLAMP.
SIZE: 14X10X6 1/2; 35 LBS.
#BC-1362. \$6.00

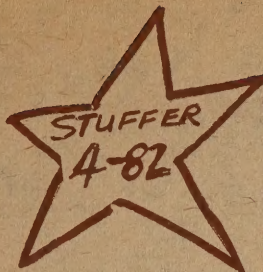
DAVEN ATTENUATOR
WITH NETWORK
500/500 OHM
20 STEPS, 1
DB PER STEP
WITH DIAL
AND KNOB.
SIZE: 2 1/2" DIA.
2" DEEP. WT: 1 LB. #T-324F
RE-MOVED FROM EQUIP.
\$7.95 each



MIRRA 25 W
"antique"
pots with
knob and
pointer; 2"
dia. Unused \$4.50
Specify resistance:
6Ω, 250Ω, or 400Ω.

PARTS FOR CRYSTAL SETS
"CPOK-WELL"
DETECTOR
STAND
Model 14
Use this new '3 way' adjust-
able stand for louder signals,
and clearer reception. Avail-
able at your dealer.
Without galena, \$1.50





STUFFER #4-82, an offering of clearance items from past catalogs and some "never listed" items. Quantities are limited; prices good thru 8-1-82. F.O.B. Lima, Ohio.

Fair Radio Sales Co.

P. O. Box 1105 -- 1016 E. Eureka St.
Lima, Ohio 45802 419/227-6573

RADIATION INDICATOR

CP-95/PD RADIAC COMPUTER-INDICATOR, DESIGNED TO SHOW THE AMOUNT OF X- AND GAMMA RADIATION TO WHICH A DT-60/PD (NOT AVAILABLE OR SIMILAR SILVER-ACTIVATED PHOSPHOR GLASS RADIATION DETECTOR TUBE HAS BEEN EXPOSED. AN EXPOSED DETECTOR GLOWS ORANGE IN THE CP-95'S 4 W ULTRAVIOLET LIGHT. THE INTENSITY OF THE LUMINESCENCE IS MEASURED BY A 931VA PHOTOMULTIPLIER TUBE. THE OUTPUT OF THIS TUBE IS THEN TRANSLATED INTO ROENTGENS AND IS SHOWN UPON A 0-200-600 ROENTGENS METER (SIZE: 4x4x4; FS-100 UA.) SET INCLUDES FRONT COVER AND TUBES 5726, 5814, 931VA, CK1039 (OR 6143), AND 0A2. POWER REQUIRED: 115 VAC 60 Hz. SIZE: 9x9x17; SHPG. WT: 30 LBS. PRICE: UNUSED, \$19. MANUAL, \$5.00

ANTENNA COUPLER

CU-656 ANTENNA COUPLER, HANDLES UP TO EIGHT RECEIVERS IN THE 2-32 MHz RANGE. GAIN: 0 TO 3 DB. NOISE FIGURE: 6 DB OR BETTER. HAS 0-50 MICROAMMETER TEST INDICATOR AND CIRCUIT SELECTOR SWITCH ON FRONT. 70 OHM INPUT; TYPE C CONNECTIONS. WITH TUBES: 20/6922 AND 0B2. POWER REQUIRED: 115/230 VAC 50-60 Hz. SIZE: 7x19x16 1/2; SH WT: 40 LBS. USED, REPARABLE, \$50.00

GENERAL RADIO VTVM

GENERAL RADIO 726A VACUUM TUBE VOLTMETER, the old CR-style in 1/2" thick walnut cabinet dating to late-1930's. Measures peak RMS voltages with full scale ranges 0-1.5-5-15-50-150 VAC. Input impedance: 5 megohms at audio frequencies; decreases at higher frequencies with 380 Mhz resonance when probe is used. Has tubes 1V and 6Q7 and schematic. requires 115 VAC 60 Hz. Size: 9x7x13 1/2; 21 lbs. sh. Used, reparable-less probe \$18 w/probe, \$28

DIGITAL DC VOLTMETER

DIGITEK 251 DC DIGITAL VOLTMETER, uses RTL logic and four Nixie tube display (2/B5441 and 2/B5440). Has 10V, 100V, and 1000V push-button scales. However, original user tagged these meters, "Do not exceed 400 VDC." Units have calibrate and zero select and adjust, over-range neon indicator, and BCD data output board. Sampling rate adjustable 10/sec to one/2 sec; max. interrogation 10 samples/sec. Requires 115 VAC 60 Hz. 4x8x11 1/2; 15 lbs sh. Used, reparable \$25. Manual \$5.

R-392/URR RECEIVER

R-392/URR RADIO RECEIVER 500 KHZ TO 32 MHz IN 32 BANDS OF 1 MHz EA. EXCEPT 500 KHZ TO 1 MHz IS 1/2 MHz. TYPE SIGNAL IS CW, MCW, VOICE AND FREQ. SHIFT KEYING. TRIPLE CONVERSION ON LOWER EIGHT BANDS, DOUBLE ON ALL OTHERS. CONTINUOUS TUNING READ DIRECTLY ON

COUNTER TYPE INDICATOR; BUILT-IN CRYSTAL CALIBRATOR, 100 KHZ POINTS. WITH 25 TUBES OF 26A7, 26A6, 12AU7, 26C6, & 26D6. POWER REQUIRED FOR OPERATION: 24/28 VDC @ 3 AMPS. HIGH PERFORMANCE, RUGGED DESIGN. PORTABLE. SIZE: 11x14x11 WT: 52 LBS. SHPG. WT: 70.

Shipped UPS in 2 packages. Used, checked, \$295. \$265. Manual, partial repro \$15.

GRID DIP METER

AN/PRM-10 TEST OSCILLATOR a grid dip meter designed to determine resonant frequencies of tuned circuits or the frequency of RF signals. Uses seven plug-in coils covering 2 to 400 Mhz in ranges 2-5, 5-10, 10-22, 22-45, 45-100, 100-250, and 250-400 Mhz. Amplitude modulation about 30% produced by 1 V across 150K ohms from external oscillator. Functions as a miniature receiver or transmitter when tuning head and coil are placed near circuit in question. Results indicated on tuning head meter or can be heard with earphones. PRM-10 includes set of coils, tuning head, power supply, transit case, and schematic. Requires 115 VAC 50-1000 Hz. 8 1/2x11 1/2x5 1/2; 12 lbs sh. Used, reparable, \$95. Checked, \$125

GYROSCOPE ASSEMBLY

HONEYWELL VERTICAL GYRO ASSEMBLY #JG-7044N-2, single pitch and roll gyro with 400 Hz motors, mercury switches, etc. Gimbal freedom: ±360° (outer axis, longitudinal), ±85° (inner axis, transversal). Erection rate (2-6)° min. Also 400 Hz 10 motors 26 V (torque), 115 V (caging solenoid), and 115 V 21,000 RPM (power motor) Pick-up pots: 5.5K±ohm ±55° (roll), 11K ohm ±85° (pitch). Angular momentum: 6.33x10⁶ gm cm²/sec. Unit has "line of flight" monitors for normal loft or alternate 0/S. 7 1/2x9 x5; 8 lbs net, 12 lbs sh. Used, \$25.

ME-29 DC AMMETER, USED IN TESTING GRC EQUIPMENT. RANGES: 1, 5, 10, 50, 100, AND 500 MILLIAMPS DC. WITH 3 1/2" ROUND METER, REVERSE POLARITY SWITCH, PATCH CORD, AND COVER. SIZE: 7 1/2x3 1/2x5; WT: 7 LBS. PRICE: USED, CHECKED, \$15.95

RESISTANCE BRIDGE

ZM-4 RESISTANCE BRIDGE, portable Wheatstone bridge used to measure DC resistance of communication and power lines to determine shorts, crosses, and grounds. Resistance measurement range 1 ohm to 1,011 M-ohms -0.15%; Resistance box range: 0 to 10,110 ohms, 16-500 MA. Galvanometer indicates degree of balance in test circuit. Requires three "D" cell batteries. Also 22.5 to 200 VDC for more accurate readings above 1000 ohms. Operating instructions included. 5 1/2x7 1/2x8 1/2, 12 lbs sh. Used, reparable, \$45.00

AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR

AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS.. GAIN: 34.8 DBM MAX. AUDIO OUTPUT 3 WATT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES POWER REQUIRED 115 VOLT 50/60 CYCLE. SIZE: 7x12x14; (NO COVER WITH UNIT) WT: 23 LBS. PRICES: USED SERVICEABLE \$8.95 TWO FOR \$15.00

CARRIER MONITOR

CARRIER MONITOR: WHEN COUPLED TO AN ANTENNA TRANSMISSION LINE IT PROVIDES DIRECT CURRENT TO A REMOTE POSITION WHICH CAN BE USED AS AN INDICATION OF PROPER TRANSMISSION. THE OUTPUT AMPLITUDE IS PROPORTIONAL TO THE CURRENT FLOW IN THE TRANSMISSION LINE. INPUT IMPEDANCE 600 OHM, OUTPUT IMP. 600 OHM. OUTPUT LEVEL - 30DBM FOR 100% MOD. INTO 600 OHM LINE. WITH TUBES 6X4, 6J6, 6AL5, V103. VOLTAGE REQ. 115/230V 60 CYC. OUTPUT JACKS AND CONTROLS ON FRONT PANEL. ALSO 2 VACUUM CAPACITORS 3MMFD 15 KV AND LEAD FOR CONNECTING TO 500 TO 50K WATT TRANSMITTER IN THE 2 TO MC. RANGE. UNIT ALSO HAS COVER. SIZE: 6x6x8 1/2; 15 LBS. #1028017 UNUSED \$7.95

RECEIVER 200 - 400

RC-1206 RECEIVER AM 200 TO 400 KC USED FOR AIRCRAFT BEACON CALLS VOLTAGE REQUIRED 24 VDC TUBES REQUIRED 2/14H7, 1/14J7, 1/14R7 & 1/28D7. 1. F. FREQ. 135 KC, THREE (3) GANG VARIABLE 400-800 MMFD LOCAL SOCKETS THESE RECEIVERS ARE SOLD LESS TUBES AND "AS-IS" BECAUSE WE HAVE FOUND SOMETIMES THE 1. F COILS MAYBE OPEN AND THE COST OF MAKING THE REPAIR IS PROHIBITIVE. HENCE THE LOW LOW PRICE. PLEASE DO NOT ASK US TO CHECK THE COILS. SIZE: 4x4x6 1/2; WT: 6 LBS. USED AS-IS \$5.00

IM-120/UPM STANDING WAVE RATIO METER DESIGNED TO BE PLACED OVER 1 1/2" WAVE GUIDE TO DETERMINE THE STANDING WAVE RATIO OF THE WAVEGUIDE TO THE ANTENNA SYSTEM. USED WITH DIRECTIONAL COUPLER CU-245/U BUT CAN BE ADAPTED TO OTHER SYSTEMS. UNIT HAS 6/IN25 CRYSTAL DIODES AND 3 1/2" METER FOR INDICATION. ALSO INSTRUCTION MANUAL. THE CARRYING CASE IS ALUMINUM SEALED. WATERPROOF. CASE SIZE 9x7x5 1/2; WT: 10 LBS. NEW P/O 6275-6575 Mhz radar. \$18.

AUTOMATIC ELECTRIC RELAY ASSEMBLY: 12 A/E TYPE RT-379-A1 RELAYS, 48VDC .1 AMP OPERATING ID CONTACT ARRANG. #D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING SIZE: 13 1/2x4 1/2x6 1/2; 12 LBS. PRICE: W/COVER

Unused, \$12.95

OSCILLOSCOPE

TDMS-6ER-R-2B OSCILLOSCOPE USED WITH TELETYPE SYSTEM AS A RECEIVER UNIT. HAS A 3PI1 CATHODE RAY TUBE WITH CONTROLS FOR FOCUS, INTENSITY, AMPLITUDE, MODULATION RATE (RANGE AND VERNIER), AND UNIT CODE. ALSO SIGNAL, DISPLAY, AND TWO BALANCE CONTROLS. WITH SPIRAL-CIRCULAR TIME BASE SWITCH AND INPUT SWITCH. INDICATOR LIGHTS FOR SPEED AND POWER. NEEDS EXTERNAL POWER SUPPLY; VOLTAGES NOT KNOWN. WITH TUBES 3PI1, 9/12A7, 3/12AX7, 2/12AT7. SIZE: 5 1/2x10x15 WT: 15 LBS

TDMS 14-200B TELESCAN, similar to above; for TTY & low speed data testing. Used, not checked, \$35.27

TDMS 14-104A AC POWER SUPPLY f/14-200B, 6EB-R2B \$15

MODEL 300 BALLANTINE VACUUM TUBE VOLTMETER. GENERAL PURPOSE TEST SET USED TO MEASURE AC VOLTAGES ALSO AS CAN BE USED AS A AMPLIFIER AND MICROMETER WHEN PROPERLY CONNECTED. RANGE 10-1500 CYC. VOLTAGE RANGES 0.001-0.1/1.0/10 & 100 DECIBEL SCALE 0-20. OUTPUT IMP. 0-15000 OHMS. INPUT IMP. 0.5 MEGOHMS SHUNTED BY 30 MMF. STABILITY 1% APPROX. DEPENDING ON LINE VOLTAGE. AC. APPROX. 5% OVER RANGE. POWER REQ. 115 V. 50/60 CYC. Repairable PRICE: \$43.50; WT: 13 LBS. SIZES: USED CHECKED \$39.95, \$12.00

ELECTRO-GUARD SENSOR

ELECTRO-GUARD ALARM, "senses" tampering with protected object. Utilizes the loading of a tuned oscillator (about 30 Khz) to detect touch. The item to be protected (which must be metal) functions as an antenna and the circuit is tuned. Once the item is touched, the circuit is detuned, tripping a relay. The relay could activate sirens or horns, lights, or cameras. Unit also has continuity circuit for perimeter or fusible link fire alarm. With tuning meter, switches for test-alarm and moment-lock-delay, four relays, two tubes, and one transistor. Requires 115 VAC 60 Hz. \$4x

"AS-IS" needs repair \$18.

COMPACT AXIAL FANS

AXIAL FANS, 4 1/2" square x 1 1/2" thick; 115 VAC 60 Hz. Removed from equipment; guaranteed. Rotron MUFFIN type similar; 3-blade 14W \$4x.

SPECIAL! Muffin fan \$9.95 10/\$88. 50/\$410. 100/\$775

RT-159/URC-4 RADIO RECEIVER-TRANSMITTER USED FOR GROUND TO AIR-CRAFT. RESCUE WORK. VHF FREQ. 120-130 MC. UHF FREQ. 240-260 MC. CRYSTAL CONTROL TRANSMITTER, SUPER REGENERATIVE RECEIVER. DIPOLE COIL-LAPSIBLE ANTENNA AND COMB. MIC & EARPHONE ARE PART OF THE SET. WITH 8 TUBES 4/6050, 2/6147, 2E32 & 3C4. BATTERY VOLTAGES REQUIRED 1.4 AND 90 VDC. UNITS USED SERVICEABLE. SIZE: 38x7x2 1/2; WT: 3 LBS. PRICE: USED \$14.95

URC-4 "AS-IS" less tubes, broken coils/terminal \$6.

RT-285/URC-11 RECEIVER-TRANSMITTER SIMILAR TO URC-4 RESCUE UNIT FOR USE BETWEEN AIRCRAFT AND GROUND. UNIT IS SET FOR 243 MC. TELESCOPING ANT. REG.-TRANS-TONE SW. BOTTOM VOLTAGES REQ. 1.4 & 90 VDC. SAME AS URC-4 ALSO URC-4 TEST SET CAN BE USED. TS-684 SHOWN ON PAGE 16 SIZE: 3x12x4; WT: 1 1/2 LBS. PRICE: USED..... \$18.95

URC-11 "AS-IS" less tubes xtal, cut cable, \$7.50

CX-1093A/U POWER CABLE FOR URC-4 \$1.50

URC-4 TEST SET, TS-684/URC-30 USED FOR ALIGNMENT AND TESTING RT-159 REC TRANS. CONTAINS 0-1 MA. METER, CRYSTAL OSC., METERING SW. ANTENNA, CABLE ETC. IN CASE SIZE 6X6X4. WITH INSTRUCTIONS IN THE COVER PRICE: \$9.95

TS-433B ELECTRONIC SWITCH, provides two independent time bases for an oscilloscope--allowing for the simultaneous display and comparison of two signals. Unit also functions as square wave generator and as a DC chopper amplifier. Expands the capabilities of AC-coupled scopes. Switching rate: 10-2000 times/sec continuously variable. Freq. response: 0-5000 Hz. Square wave generator range: 10-500 Hz with amplitude variable to 30 V p-p. Input impedance: 100K ohms. Output imped: 50K ohms. Max. signal output: 75 V. p-p. Requires 115/230 VAC 50-60 Hz. 10x8x1 1/2. 30 lbs sh. Used, repairable, \$20.

RECEIVER

BC-229 RECEIVER A.M. T.R.F. 201 TO 398 KC AND 2500 TO 7700 KC BY USE OF PLUG IN COILS SUPPLIED WITH THE REC WITH SIX TUBES 1/37, 1/38 & 4/39. POWER REQUIRED FOR FILAMENTS 12 VOLTS, HIGH VOLTAGE APPROX 200 TO 250 VOLTS 0.6 @ 80 MA. SIZE: 16x8x7; WT: 15 LBS.

Less tubes & coils, \$6. w/tubes, \$14.95; Plug or knob, \$2. Manual, \$7.50

MEASUREMENTS 920 25-1000 Mhz DEVIATION METER, \$225

HELIPOTS 10-turn; 2" L x 1 1/2" dia, 1/2" dia shafts.

10K OHMS, 4-terminal 5%; 5/8"L shaft. Unused \$3.95 30K OHMS, 3-terminal 3%; 5/8"L shaft. Used, \$3.50 50K OHMS, 3-terminal 3%; 3/16"L shaft. Used, \$3.25

6082 TUBES, unused, \$6 ea. 6080 used-checked, \$3 each. WE-215A TUBES, used-good filaments, \$2.50 each. 6BA7 unused \$2.50 each. #22 or #85, unused \$5 ea.

TUBE SALE

6 for \$5.00/20 for \$15.00: 0A2 OC3 5U4GA 6Y6G 5Y3GT 6AL5 6AQ5 6AU6 6BG6 6CB6 6AS7G 6SJ7GT 6SL7GT 12AT7 12AU7 12BH7 12SH7 12AX7 12SL7GT 12SX7GT 12C8 12H6 25L6 5R4GY 6414

REPLACEMENT DYNAMIC SPEAKERS for your old radios; cones 3 ohms DC resistance. 3 lbs; unused.

#	Dia	Coil	Price
T46B60	4"	70L	\$2.75
5V04S	4 1/4"	4JL	3.00
T8XL172	4-7/8"	80L w/ 4-pin connection,	\$3.95
2005-4	5-5/8"	80L "	\$4.95
1535	4 1/4"	400L, transformer 160L, cone 0.5 ohms;	\$2.85
F3B2145	3-1/8"	400L, cone 0.5 ohms;	\$2.85

BC-1152 SCOPE INDICATOR 3" CATHODE RAY TUBE 3HP7, 1/4" CHG. CONTROLS FOR CENTERING. FOR INTERFERING. FOCUS & SCALE ILLUM. CABLES WITH 3 PL-259 COAX. CONN. H-V PLUG. & CONTROL PLUG. SIZE: 14x5x5; WT: 10 LBS. PRICE: USED \$7.

EXPLOSION PROOF STEEL BOX FOR INTERPHONE HANDSET, MOUNTED ON REAR OF TANK. HAS HANDSET HOLDER, CONTROL BOX, AND KNOB. INDICATOR LIGHT, HEAVY SPRING LATCH, AND CABLE CLAMP. SIZE: 14x10x6 1/2; 35 LBS. #BC-1362, \$6.00

DAVEN ATTENUATOR "N" NETWORK 500/500 OHM 20 STEPS, 1 DB PER STEP WITH DIAL AND KNOB. SIZE: 2 1/2" DIA. 2" DEEP. WT: 1 LB. #T-324F HE-MOVED FROM EQUIP. \$7.95 each

MIRRA 25 W "antique" pots with knob and pointer; 2" dia. Unused \$4.50 Specify resistance: 6L, 250L, or 400L

PARTS FOR CRYSTAL SETS

"CPON-WELL" DETECTOR



Use this new 3 way adjustable stand for louder signals, and clearer reception. Available at your dealer. Without galena, \$1.50

INVENTORY REDUCTION SALE when buying one type of these used-checked tubes:

6 for \$5.00/20 for \$15.00: 0A2 OC3 5U4GA 6Y6G 5Y3GT 6AL5 6AQ5 6AU6 6BG6 6CB6 6AS7G 6SJ7GT 6SL7GT 12AT7 12AU7 12BH7 12SH7 12AX7 12SL7GT 12SX7GT 12C8 12H6 25L6 5R4GY 6414

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